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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered READ INSTRUCTIONS REPORT DOCUMENTATION PAGE BEFORE COMPLETING FORM 1. REPORT NUMBER 2. GOVT ACCESSION NO. 3. RECIPIENT'S CATALOG NUMBER 8 GP 0A-DR 1158 TYPE OF REPORT & PERIOD COVERED 148198 LANCE Missile Number 4571 Round Number 357-APT, 1 October 6. PERFORMING ORG. REPORT NUMBER 7. AUTHOR(a) B. CONTRACT OR GRANT NUMBER(a) 1.11. White Sands Meteorological Team DA Task/1F665702D127 9. PERFORMING ORGANIZATION NAME AND ADDRESS 11. CONTROLLING OFFICE NAME AND ADDRESS 2. REPORT DATE US Army Electronics Research & Development Cmd / Oct Atmospheric Sciences Laboratory White Sands Missile Range, New Mexico 88002 14. MONITORING AGENCY NAME & ADDRESS(If different from Controlling Office) 15. SECURITY CLASS. (of this report) US Army Electronics Research & Development Cmd UNCLASSIFIED Adelphi, MD 20783 15. DECLASSIFICATION/DOWNGRADING SCHEDULE 16. DISTRIBUTION STATEMENT (of this Report DISTRIBUTION STATEMENT A Approved for public release; Distribution Unitraited 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) Approved for public release; distribution unlimited. 18. SUPPLEMENTARY NOTES 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) 20. ABSTRACT (Continue on reverse side if recessary and identity by block number) Meteorological data gathered for the launching of the 148198 LANCE, Missile Number 4571, Round Number 357-APT presented in tabular form.

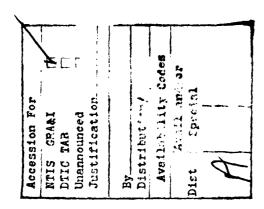
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## INTRODUCTION

14819B LANCE	, Missile Number _	4571	, Round Number	357 APT
	MDT on 01 October			
was <u>1415 MDT</u> .				
	DISCUS	SION		
2	a were recorded and Sciences Laboratory		-	
Mexico. The data	were obtained by the	followi	ng methods:	
1. Observati	ons			
a. Surfa	ce			
(1)	Standard surface obs	ervation	s to include pressu	re, temper-
ature (°C), relati	ve humidity, dew poi	nt (°C),	density $(gm/m^3)$ , w	ind direction
	oud cover were made a			
minutes.				
(2)	Monitor of wind spee	d and di	rection from one an	emometer was
provided in the la	unch control room.			
b. Upper	Air			
(1)	Low level wind data	were obt	ained from RAPTS T-	9 pibal
observation at:				
	SITE AN	D ALTITU	DE	
	LC-39 3	000 Mete	rs	

(b) Air structure data (rawinsonde) were collected at the following met sites. Data were collected from surface to as high as possible in 500-foot increments.

SITE AND TIME

WSD 1515 MDT HMN 1245 MDT SW-70 1405 MDT

TABLE 1. Surface Observations taken at 1415 MDT, 1 October 1980, at LC-39, 14819B LANCE, Missile Number 4571, Round Number 357-APT.

ELEVATION	4063.75	FT/MSL
PRESSURE	879.1	MBS
TEMPERATURE	30.5	°c
RELATIVE HUMIDITY	24	%
DEW POINT	7.6	οс
DENSITY	1002	GM/M <sup>3</sup>
WIND SPEED	02	KTS
WIND DIRECTION	245	DEGREES
CLOUD COVER	CLEAR	

## PILOT BALLOON MEASURED WIND DATA

TABLE	2									
RELEASED	FROMLC	-39		DATE	01 October	1980		<del></del>	TIME1405	MDT
	COOR	DINATES	( W	STM) X=	530,938.82	Y=	· 18	6,574.96	H=_4063	.75
NOTE: W	IND DIRECTI	ONS ARE	RE	FERENCED	TO TRUE NORT	н				
HEIGHTS	ARE METERS	AGL XX	OR*	FEET AGL_	·					
HEIGHT				HEIGHT	DIRECTION	SPEED		HEIGHT	DIRECTION	SPEED
AGL	DEGREES	KNOTS		AGL	DEGREES	KNOTS		AGL	DEGREES	KNGTS
sfc	245	02		1800	360	14				
60	290	03		1860	360	12				
120	290	05		1920	020	11				
180	305	05		1980	010	07		·		
240	295	05		2040	350	05				
300	290	03		2100	335	08				
360	300	03		2160	340	10				
420	310	07		2220	325	11				
480	320	0.7		2280	325	13				
540	310	05		2340	335	13			<del></del>	
600	315	07.		2400	340	14				
660	325	06	,	2460	340	14				· · · · · · · · · · · · · · · · · · ·
720	335	07		2520	340	14				
780	330	06		2580	345	15				
840	335	Q5	•	2640	330	17				
900	325	05		2700	320	17				
960	340	08		2760	320	17				
1020	340	10		2820	320	15			·	
1080	340	11		2880	315	16				
1140	330	12		2940	310	15		- <del></del>	<del></del>	
1200	345	15		3000	310	14				
1260	350	17		5000	010			<del></del>		
1320	360	19						<del></del>		
1380	355	18			<del></del>			<del>                                     </del>	···	·
1440	350	17				<del> </del>		<del> </del>		<del></del>
ļ	<del> </del>					ļ				
1500	350	18				-				
1560	355	20				<del> </del>		<del></del>	<del></del>	
1620	355	20			<del></del>	-				
1680	005	19						<b></b>		L
1740	360	15				[				

## PILOT BALLOON MEASURED WIND DATA

TABLE	3	-								
RELEASE	D FROM	LC-39		DATE	1 October	1980			TIME 1415 !	MDT
	COOR	RDINATES	( W	ISTM) X=	530,938,82	Y=	. 18	6,564.96	H= 4063	,75
NOTE: V	NIND DIRECTI	ONS ARE	RE	FERENCED	TO TRUE NORT	н				
HEIGHTS	ARE METERS	AGL_X_	OR	FEET AGL_	·					
HEIGHT AGL	DIRECTION DEGREES	SPEED   KNOTS	•	HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS		HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS
sfc	135	02		1800	008	14				111010
60	138	01	•	1860	007	10				
120	325	07	•	1920	024	07				
180	340	05		1980	024	07			<del> </del>	
240	280	05		2040	002	05				
300	315	06		2100	335	06		·		
360	320	11		2160	340	09				
420	320	09	'	2220	325	10				
480	320	06	•	2280	331	11				<del> </del>
540	315	06	,	2340	325	13				
600	330	07	•	2400	345	13				
660	335	08		2460	350	15				
720	340	08	,	2520	350	16				
780	325	11	•	2580	340	17				
840	320	12	•	2640	325	18				
900	345	13	•	2700	320	16				
960	340	14		2760	320	18				
1020	345	13		2820	320	17				
1080	350	14		2880	310	17				
1140	350	15		2940	310	17				,
1200	350	17		3000	305	17				
1260	350	17								
1320	350	17								
1380	350	17							···	•
1440	355	18								
1500	355	20								
1560	002	19								
1620	360	15			<del>}</del>				· · · · · · · · · · · · · · · · · · ·	
1680	009	17			<del></del>					
1740	360	16			<del></del>					

1515 HRS MDT	A MOLL.	L. I.I.I.C.P.	L. LOW ALTITUDE 3989. OF FEET MSL	-
	: • 5	•	1515 HRS MDT	

UAL		
SIGNIFICANT CLAEL DAIA	2750020527 WHITE SAUDS	TABLE 4

6E.ODL TIC COORRIGANTS 32.40043 LAT (EG 106.37033 LOT DEG

PPPSS194E	E. GFO, ETATC	TEMPE	TEMPERATURE.	R.L.HUM.
			DEMPOTEIT	PLRCENT
MILLIBARS	S MUL PELL	PFGREES	CENT I GRAIN	1
• 65.	3		,	3
ĭ•/≈	3039.0	30.5	<b>\•</b> ,	: • t ?
U-05:2	0•8aC₽	75.5	ۍ د د	0•47
7.10.5	07.50.4	30.02	J. 6	0.50
8.087	7465.8	20.5	5.1	32.0
753.0	37111.4	14.0	4.7-	17.0
716.0	9796. \$	15.7	-10.8	15.0
700.0	19440.4	14.1	-10.0	14.0
672.2	11565.9	12.7	-15.0	3
5555-5	16725.1	1.0	-24.3	•
500.0	19455.2	-6.2	-29.3	14.0
470.2	21026.6	<b>₽•</b> 0−	-31.9	14.0
ញំ•បប្រវា	25063.8	-18.8	-37.5	U•+1
373.6	20403.5	-22.0	2.21-	1,4.0
346.2	28549.L	-26.8	-45.5	•
3.50.6	29006.3	B•92-	45.5	15.0
300.0	31011.2	-33.6	-50.1	17.0
25n•n	36027.5	9.44-		
254.0	37421.6	2.74-		
0.425	38424.5	7-40-7		
200.0	49.452.9	-53.9		
183.0	45044.7	-55.9		
175.0	43645.5	ر،•ريـ		
150.4	40783.3	65.2		
131.6	0.44464	2.69-		
120.4	59111.7	-71.4		
111104	52624.5	-73.2		
10.5.0	54.02 ,.1	173.8		
196.0	5470745	-77.5		
25.5	57339.4	-60.7		
0.0%	61799.9	4.0		
5.40	600091.0	4.09-		
÷	70.30000	-47.3		

SHET HELL	1515 HRS MDT	
SENTION ALTHURE	1 OCT+ 283	ASCLASION IN. 527

SIGNIFICANT LEVEL DATA 2750020527 WHITE SAMES TABLE 4 (CONT)

GEODETIC COOKDINATES 32,40043 LAT DE6 106,57033 LON DE6

RLL.HUM.	PERCENT	
TEMPERATURE.	AIR DEMPOLAT	DEGREES CENTIGRADE
TEMP	AIR	DEGREES
PRESSURE GFORETRIC	ALTITULE	LIST FEET
PRESSURE		WILLTRANS LICE FEET

-53.0 -51.7 -51.7 -50.4 -45.6 -46.2 -46.2 46.0 75124.9
50.0 77714.7
56.0 7928.9
26.0 82308.4
21.7 86257.9
20.0 68617.9
14.9 94466.5
13.4 96826.9 MILLIPA

6

577.1309 ALTITOR 1 OCT+ BC 25013 STOR NG+	577.1309 ALTITODE SGROZOO EFFT LICE 1 OCT - RG 25GESTOR NG - 527	515 HRS I	<b>10.</b> <b>10.</b> 10.		UPPLE AND LAND 2750020527 VHITE SANDS TABLE 5	4 2 3		52. 106.	0E0DETIC COORDINATES 32.40043 EAT LEG 106.37033 LOG FFG
GPO NOTOLICATE OF THE PERMIT	PRESSURE LILLIBARS	TENPL ALK DEGREUS G	TEMPLUATURE R DLYPOLAT ELS CLATISRADE	RECORUM. PEPCLNI	DEUSTTY 6MZCURTU MULER	SELLE OF SUCIAN MENDER	WING DATA DIRECTION SE	NIA SPECO KNOTS	THOLX OF REFRACTION
0.690	1.661	30.5	7.7	0.45	1004.0	4.030	350.6	· ·	1.0002.7
40.00	1176.18	30.4	- (5 - <b>1</b> -	0.43	1003.8	\$300 \$300	350.1	2.0	1.0007.7
44,00.0	H65.4	27.0	3.0	0.45	9.506	077.3	352.9	2.7	1.000200
0.0000	849.0	₽•40	7.0	24.5	1997.2	674.3	354.5	3.4	1.000253
0.000€	1134.5	J•4,√	3.7	26.7	974.5	672.8	355.5	4.2	1.000251
0.0000	819.9	22.6	3.3	50.3	962.1	671.3	350.5	o• <del>1</del>	1.000249
0.00.0	1.508	21.2	3.3	31.8	8.646	669.7	352.0	5.5	1.000247
7,0007	9-16/	4.0€		52.5	636.1	1.000	247.7	5.6	1.000242
75,00.0	1.17.1	19.0	• 5	2.7.2	9.2.6	667.5	344.5	<b>6.4</b>	1.000233
3.0005	764.1	18.7	-3.7	21.6	6.606	6666.3	341.2	7.2	1.000223
C.300.0	750•6	17.9	-7.6	16.9	80.7.0	665.2	330.6	7.9	1.000215
C.DUUK,	137.5	17.0	E•€-	16.2	0.83.8	5.4°0	7.000	8.6	1.000211
96,00	2**2/	10.2	-10.1	15.4	R70.7	063.2	333.0	6.3	1.000207
19000	711.4	15.2	-11.5	14.7	8'38.3	062.0	3.52.9	10.0	1.000293
10,00.0	1.969	14.0	-13.1	14.0	846.5	0.000	3.3.4	12.8	1.000149
11000.0	1.000	13.4	P-13.9	13.5	8.53+2	_	4.550	13.9	1.000195
11500.0	57.5	12.8	6.41-	13.1	820•0		353.2	14.7	1.000192
12000.0	661.05	11.7	-15.8	13∙∩	808.1		351.3	14.4	1.0001LB
120,000	649.5	10.6	9•91-	13.6	790.5		328•1	13.5	1.0001/45
1 5000.0	637.4	<b>5.</b> C	-17.5	13.0	785.0	Ī	34.5+1	13.1	1.960162
10%01	1.624	8+3	10°01-	13.0	773.∪		322.7	13.1	1.000179
14600.0	514+2	7.5		J. 7	762.7	J. 240	32000	12.6	1.000176
T4500.0	6.500	0•9	-2u•2	13.0	7.1.7	651.2	510.3	11.0	1.000173
12000	6.10¢	T. • ##	-21.5	13.0	7111.0	Ī	514.3	10.3	1.0001/1
15500	241.0	α•;)	-22-1	1 5.11	730.4		308.9	8.7	1.00018
10000	5.70.3	\$ \$	0.52-	13•0	719.9	647.2	7·100	7 - 1	1.0001.5
155,40.0	56.4.6	1•'	7.5.2°	13.0	7.607	645.8	0.202	ა•°¢	1.00013
17:00	<b>₩</b> *€.₩4	٠.	-24.5	1.1	6.00	_	0.282	9-1	1.0001
17,000	736°9		2.2.2	13.3	9.669	n42.8	20 J. 5	3.4	1.00015,7
J.0000	1.5060	2.71	5.50	٠.٠	6,679	5.110	536.4	1.3	1.0001
10500	518.1	7 - 7 - 7	C-12-2	1 3. /	67016	1.6.50	103.5	9.	1 • ((()) 1 1.3
19nua	H+800	1,00	***	13.5	1.699	030.1	9.02	. <b>-</b>	1.000

DETTC COORDINATES 32.40043 LAT DEG 106.37033 LON DEG	INUEX OF REFRACTION	1.000145 1.000141 1.000141 1.000141 1.000136 1.000136	1.000123 1.000123 1.000121 1.000119 1.000115	1.0000112 1.0000110 1.0000110 1.000104 1.000104 1.0000104 1.0000099 1.0000096 1.0000096 1.0000096	1 • 600069 1 • 0000 8
6EODETIC 32.40 106.34	TA SPEED KNOTS	0.04 0.04 0.01 0.01 0.01	100.0 100.0 100.0 100.0 100.0	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	30.4
	WIFFU DATA DIRECTION SI DEGREES(IN) KI	241.5 241.5 241.3 241.3 247.2 241.5	225.0 225.0 231.4 232.2 241.4	2014.6 240.2 240.2 240.2 240.3 290.6 301.0 311.0	515.7 515.0
ا الامن ا عدد الامن (CONT)	SPLED OF SOUND KNOTS	635.3 635.3 631.5 631.5 628.5 627.2	623.0 623.0 621.0 620.1 616.6 617.2	6114. 6113.0 6113.0 6111.0 6114.0 6014.0 6011.0 6011.0	20 th 02
UPPLR AIK DATA 2750020527 WHITE SANDS TABLE 5 (CONT	DENSITY 9 GMZCUBIC METER	6411-2 6411-2 6711-2 6711-2 6021-3 593-0 574-9	500.1 577.4 577.4 577.4 531.8 573.4 514.9	2000 4000	308.3 308.3
	. EL •HUM• PERCENT		14.00 14.00 14.00 14.00 14.00	20000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *
T MSL MDT	TENPERATURE R DEWPOLAT EES CENTIORADE	2	0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-67.5 -67.5
9.00 FEF 515 HRS	TENP ATR DEGREES	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	124.2 124.2 124.2 124.2 125.2	0 0 7 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-41.9
rirune 398 19. 527	PRESSURE AILLIBAKS	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	401-1 401-1 502-3 504-3 577-1 569-3	2584.2 2584.2 2584.2 2584.2 2112.2 222.3 223.3 223.3 223.3 223.3 223.3 223.3 223.3 223.3 223.3 223.3 233.3 2	261.6
STATTON ALTITUDE 3989.00 FEFT MSL 1 octors Ascleston 40. 527	SEC. LTRUC AUTTUSE SSL FEET	2.55.00.0 2.05.00.0 2.15.00.0 2.25.00.0 2.25.00.0 2.25.00.0	Supplies Sup	245,000 a 25,000 a 25	35000

\*\* AT ELAST ORE ASSUMED RELATIVE HURTETY VALUE AAS ULED IN THE TITERPOLATION.

JEODETIC COORLINATES 32.40043 LAT DEG 106.37033 LOH PEG	WIPL DATA INDLX CFION SPEED OF ES(TN) KNOTS REFRACTION	1.9 1.00026.7 2.0 1.000?6.7			4.9 1.000249 5.2 1.000247	-	6.4 1.000233 7.2 1.000223	•	-	-	<b>~</b> •	13.9 1.000195	-	. =4	13.5 1.000185	-		12.6 1.000176		7		7.1 1.000165	5.9 1.00nle3		~	1.8 1.000155	-	1.8 1.000150
	WIPE DIRECTION DEGRESSTN)	350 • U 350 • 1	352.9	355.5	356•2 352•0	347.7	344.2	338.6	555.7	335.0	352.9	4.780	333.2	331+3	328 • 1	345+1	322.7	320.0	310.3	5.446	308.9	4•100	502.0	282.0	207.5	250.9	109.5	7∋•6
5 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	SPLEU OF SOUND KNOTS	050.4 680.3	077.3		671.3						_	0.000						_							642.B		1.639.7	0.50.1
UPPLE AIN LAIA 2750020527 WHITE SANDS TABLE 5	DEUSITY GMZCURIC MLTFR	1004.0 1003.8	905.6	974.5	962•1 949•8	936-1	9,550	807.0	883.8	R70.7	858.3	833.0	820.0	An8 • 1	700.5	1945	773.0	762.7	7.1.47	7"1.1	7.50.4	719.4	7.607	9•664	683.6	0.79.8	2.079	1.600
	REL.HUM. PEPCENT	0 • tv?	0.0 #7.0 #7.0	26.7	29.3 31.8	52.2	27.5	16.9	162	# S	14.7	) () () ()	13.1	13.0	13.6	13.0	13.0	0 ° 0	13.0	13.0	1 3.0	13.0	١٦٠٠	1.1	13.3	13.5	13.7	1 3.8
т.s.с. <b>МОТ</b>	TEMPERATURE R DLWMAIAT EUS CLATTORADE	7.7	ភព ភព	3.7	₩. ₩. ₩. ₩.	8°°	-3.2	-7.6	8-8-	-10.1	111.5	13.0	-14.9	-17.08	-16.eb	-17.5	1001-	: c] -	-500-	-21.5	-22.1	-23.0	6.57-	-24.5	1.52-	-26.45	-47.5	******
89.00 FEET USE <b>1515 HRS MDT</b>	TEMP AIR DEGREES	30.5	27°,2	0.4×	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	<b>5.0</b> €	19.5	17.9	17.0	16.2	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00	12.8	11.7	10.6	\$ °C	8.03 8.03	2•/	o•3	Ť•#	5.3	2.7	ა^ •	٠.	C • T 1	2 · 4 · 1	-3.7	3 · 3 · .
.Т11UDE 59P NC• 527	PRESSURE	879•1 876•8	863•8 849•8	134 - 3	819.9	791.6	7.7.7	750•6	/37.3	2.42/	7.1.J.e.?	1.000	475.8	663.5	649.5	4.759	7-550	014·2	70a	201.0	1941 • f	270.3	559.9	せっちから	536°	5200-7	710.7	2000 × 4
577.1300 ALTITUDE 39 1 OCT+ AC 18CELSTON NG+ 527	GF (0.1) TKIC AL 13 FUDE 115C   FEET	0.49.00 4.110.00	A.00.14	9.00.3c	0.000g	7.000	7.00.50 7.00.50	0.000	900B	75,00 a	200111	11000.0	115,09+0	12000	120,000	1 3000.0	15509.0	14000.0	Testine o	ו ישטעכן	1,7,10	10.00	10,46	17.190.0	1 /-; n0 • n	1.0000 T	105,00	19049-0

ueonetic соокитиатеs 32.40043 Lat deg 106.37033 Lon deg	INDEX OF REFRACTION	1.000148	1.000145	1.000143	1.000141	1.000138	1.000136	1.000134	1.000132	1.000150	1.000127	1.000125	1.000123	1.000121	1.000119	1.900117	1.000115	1.000114	1.000112	1.000110	1.000198	1.000106	1.000104	1.000102	1.000101	1.000099	1.000097	1.000096	1.000094	1.000092	1.000091	1.600089	1.0000
JEODETI 32. 106.	TA SPEED KNOTS	1.3	2.7	4.8	7.9	4.6	10.3	11.3	12.0	13.3	15.3	17.9	18.8	19.1	18.1	16.7	14.3	12.6	12.9	14.1	16.0	18.4	21.0	22.8	24.0	25.5	26.3	27.6	28.8	30.0	31.1	30.₽	30.4
	WIMU DATA DIRECTION S DEGREES(IN) K	23.4	317.8	281.3	202·5	5,56.9	250.9	247.2	241.5	232.1	227.0	225•0	227.4	231.4	232.2	232.5	241.8	254 · B	270.2	202.2	289.0	2.462	290.1	297.3	596.6	298∙8	301.€	305.0	307.9	311.0	313.7	515.7	313°t
17 ( 100)	SPLED OF SOUND KHOFS	636.5	635.3	034.1	052.9	631.5	630.1	628.6	027.2	6.45.4	4.450	623.0	621.0	020.1	610.6	617.2	615.8	614.4	6.13,0	611.0	611.5	610.1	608.6	607.1	6.05.7	5.400	602.7	601.0	5000.3	547.6	6.909	5.465	504.5
UPPLR AIR DATA 2750020527 WHITE SANDS TABLE 5 (CONT	DENSITY S GMZCUBIC METER	651.3	641.2	631.2	621.4	611.8	602.3	593.0	583.9	574.9	560.1	557+4	548.8	540+3	531.8	523.4	6.14.9	506.6	4-864	490.3	480.3	472.4	9•4911	457.0	9.694	442.2	4.55.0	427.8	420.4	414.0	2.704	4 UU+0	3.4.1
	. EL.HIM. PERCENT	14.0	14.0	114.0	0 · t. T	14.0	14.0	14.0	14.0	14.0	14.0	14.0	1,4•0 ·	14.0	14.0	14.0	14.3	14.5	14.7	15.0	15.0	15.3	15.7	16.0	16.4	16.7	16.6**	19.0**	12.54*	10.44	8.44*	6.3**	**3*1
T MSL MDT	TENPERATURE R DEWPOLAT EES CENTIGRADE	-29•3	-30.2	-31.0	-31-8	-32 ⋅ 13	-33.7	-34.7	-35.6	-36.6	-37.5	-33°S	-39*#	to 0 to -	141-4	ど・とかー	-43.1	-43.B	144.6	4.5.4	ន•ល• <b>ា</b>	-46+3	0.24-	H-41-H	-4P • i	かったりー	-50.5	-50.7	-55.1	-57.6	<b>₩•</b> 09-	-63.0	-67.5
9•00 FEF	TENP AIR DEGREES	-6.3	-7.3	-4.3	-9-3	-10.5	-11.7	-12.A	-14.0	-15.2	-10.3	-17.5	-10.7	-19.8	-21.0	-55.5	-23.3	-24.5	-25.6	-20.7	-26.8	-28.0	-29-1	5.0K-	-31.5	-32.6	-33.A	-35.2	-30.5	-37.8	2002-	-40.5	-41.9
rifude 598 40. 527	PRESSURE HILLIBARS	439.1	489.5	480.5	4.40.1	40104	452.2	445.5	434.5	422.4	417.4	403-1	401.0	992.9	364.9	577.1	569.3	561.7	354.2	346.9	539.7	332.5	325.5	516.6	511.9	500.0	226.6	292.3	265.9	279.6	273.5	267.5	261.6
STATION ALTITUDE 3989.00 FLFT MSL 1 OCT. BA ASCLESION RO. 527	GEUNETRIC ALITTUDE RSL FEET	135,00.9	20000.0	20500.	210119.0	21500.0	22000.n	22500.ņ	25000.0	22500.0	24000.0	.4500.c	25000.0	255,000 o	260000	204.00 • D	27000.0	57500.0	200005	0.00,52	29000.n	295,00•n	-20000°	305NP.P	31000.0	31500.0	250/10°C	32500.A	33000°	0.00°00	0.4110	345ng•£	35600.0

\*\* AT LEAST ONE ASSUMED RELATIVE HUMBELT WALUE THIS UMED IN THE INTERPOLATION.

6E0DETIC COCKDINATES 32.44043 LAT 1E6 146.37833 LON 1E6	INDEX OF REFINCTION.	1.000086 1.000085	1 • 60000±3 1 • 600082	1.000000	1.000077	1.000076	1.000073	1.000072	1.000070	$1 \cdot n0000_{C9}$	1.090068	1.000066	1.0000.0	1.000005	1.00006.1	1.00000	1 - 00005 3	1.000058	/30000-1		1.000053	2,0000.1	1.000091	1.100050	1.00000	1 • ոցոնգց	1 Superport
0E0DET[0 32.4 106.3	TA SPEEU KNOTS	29.5 29.0	31.9	33.8	36.9	38.3	03.04 40.3	9.04	40.8	6.04	41.4	42.5	9.04	45.3	42.9	40.6	39.9	39.5	7. 65°	0 - KE	361.5	35.7	35.4	35.6	33.3	31.0	24.5
	WIND DATA DIRECTION SI DEGREES(IN) KI	312.9	312•2 311•6	311.2	312.2	512.7	312.8	312.4	312.4	313+2	314.1	310.2	510.5	317.6	318.8	324.5	322.0	343.5	3636	0.136	517.7	317.6	319.2	5.00	3,71.10	341.1	3411.1
۸۲ <sub>۸۷</sub> ۲۶ ۲۵ (TNO)	SPLED OF SCUIND RNOTS	590.8	587.8 586.0	5.000 5.000 5.000 5.000	583.4	582.1	579.3			575.4			571.4		-	-	7° 500	50.5.7	5000	7.5.5		557.9	550.7	555.5	553.7	543.0	555
PER ATR DATA PERSONSES PRITE SAMES TABLE 5 (CONT)	DENSITY GMZCURIC PLIEP	387.7 381.4	3/4•4	360.6	346.7	540.3	323.0	321.9	315.9	309.7	303.0	6.600	282.5	231.3	275.b	270.1	2.t.92	#*60%	2.17.2	() - ( ) - (	253.2	235.7	228.9	2.4c2	219.9	714.3	209.8
_	REL. NUM. PEPCFUT	* * *																									
1 ASL MDT	TEMPERATUME R DEVINOLUE EES CENTIONADE	-73.0																									
1515 HRS	TEPS ATR DFOPEES	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 to	-47.5	o•94-	-49.0	-52.1	-53.1	-54.1	0.6,3-	₩•¢'ç'.			-6.0	-41.1	-62.0	6.29 <b>-</b>	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	200	1,000	-6703	1.6.4-	()-	104.5	-71.1	-71.7	-72•11
1110pt 398	PRESSURE HILLIDARS	2555 256•3	7.44.7	233.8 226.4	223.2	218.1	200.1	203+3	173.6	193.9	189.4	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	170.2	172.0	167.3	165.7	7.6.CT		16004	144.1	141.1	13/06	134.2	1 301 - 13	127.5	124.5	151.1
5141194 2111140L 3989.00 FELL HSL 1 061. FC 1516,510H 60. 527	CEON TRIC ALTAPOE USE PER	201/10.F	5/500.0	0.75,00.0 0.50,00.0	υ•0υ'.ος	0.9000c	400000	400,000	+1000•n	411, <sup>0</sup> 10.	0 • 66 H?★	4259H•0	4.000.04	44000	0.00,000	C•00 lic +	C•01.03	C. CO Kit	1, 00 1/ 1	C.00-7	466/10-5	4.34,919.0	C + 111/118 +	<b>0•00</b> 66€	մ•0ն,նն,	0.00° mc	0.08812

\*\* AT LEAST OUR ASSURED OFT TIVE HUMBITY VALUE NAS USED IN THE INTERPOSTATION.

UPPER AIR DATA 2750020527 WHITE SANDS TABLE 5 (CONT)

GEODETIC COORDINATES 32.40043 LAT DEG 106.37033 LON DEG

INDEX OF REFRACTION	1.000046	1.000045	1.000043	1.000042	1.000041	1.0000040	1.000039	1.000038	1.000037	1.000036	1.000035	1.000034	1.000033	1.000032	1.000031	1.000031	1.000030	1.000029	1.000028	1.000028	1.000027	1.000026	1.000025	1.000025	1.000024	1.000023	1.0000	1.0000:2	1.0000	1.000.11	1200001	1.000020
SPEED KNOTS	26.0	24.5	24.0	23.1	20.0	16.9	16.3	16.6	16.8	16.6	16.5	15.1	13.3	11.8	12.1	12.5	12.3	11.5	10.8	6.6	8.9	7.7	6.0	6.4	ڻ <b>.</b> ه	4.1	± +	4	5.4	, c,	, r, c	7.4
WIND DATA DIRECTION S DEGREES(IN) K	313.6	318.0	314.5	51.9.1	320 • 4	342+2	322.9	523.1	323.1	322.9	522.7	323∙8	325•6	347.6	327.0	326.4	325.0	322.0	319.9	320.5	321.8	523.7	327.7	935.0	337.9	3,000	335.7	352.7	350.5	3.54	14045	355+5
SPEED OF SOUND KINOTS	552.0	551.5	• ′	-		550.1			552.1		553.6	554.4	555.2	5: 5.7	555.9	556.0	556.2	556.3	556.4	556.6	550.7	557.3	558.1	0.650	98639	500.0	561.5	562.4	503.5	50.4.1	564.9	5.65.7
DENSITY GNZCURIC METER	204.8	200.0	195.2	199.5	185.8	191.3	176.3	171+3	156.5	161.9	157.3	152.9	148.7	144.6	140.9	137.3	133.B	130 • 4	127.1	123.8	120.7	117.4	114.2	1111-1	108.0	10501	102.2	<b>₩•66</b>	7.00	c to	41.4	9.8A
REL HOM. PERCENT			•																													
TETUTE RATUME R DEMPOLIT EES CENTIGRADE																																
TE" ALR DEGREES	-72.4	-72.B	-75.1	-75.4	-73.6	-73.8	-75.4	-72.9	-72.3	-71.3	-71.2	-70.6	-70.1	7-69-	9.69-	-69-1	₽.60.	-04.3	-64•I	0.09-	200	€.89-	-6/9-	5.79	<b>(.0.)</b>	0.00	1,55.4	-(.4.x	16.4.1	C. O.O.	6.29-	-62.5
PRESSURE NILL IBARS	118.0	115.4	112.1	109.3	100.5	\•ÇE1	1.101	98.5	r • 0		2016	48•3	7.69.	0 • <del>1</del> • • • • • • • • • • • • • • • • • • •	82.4	80.3	(8.5)	C•9/	#			5.4	?•./0	0.00	2.	0.74	c.•	د. د.	3•9¢	را• بارا را• بارا	5.45	H•C4
GEOOL TRIC ALFITIUE MSL FEET	71500+A	52000	0.0000 0.0000	55003.0	55,510.7	D+(110.4	C4510.3	D. OHUGG	0.000	1000000	200000	0.00d/C	27500.0	0.000sc	0.00000	0.000000	L • (10) 5.6.0	0.00000	9.00500	V - 00 - 10 - 10 - 10 - 10 - 10 - 10 - 1	2.00010	0.0000	7.00020	0.0000	7.000°C0	U•111.050	0.45.110.0	0.00000	3.00.00	0.00000	0.00000	0.1000.0

STATION ALTITU 1 or 1+ EM ASCLESTOL GO•	111UDE 393 40 - 527	STAFION ALTITUDE SOSSACIO PEFT PISE 1 OCT - 202 ASCLESTUD NO. 527	-	UPPER ATK CATA 2750020527 WHITE SANDS TABLE 5 (CONT	11K LATA 20527 SAUDS 5 (CONT)	•	32. 32. 106.	32,4004 TEC COORDINATES 32,40043 LAT PEG 106.37033 LON DEG
0EO 4E 11/10 AL EL POE PSE - CEE T	PRESSURE	TEST PATORE ATE DENPOTATION OF THE SECTION OF THE S	FLE MIPTA	DEUSITY GNZCURIC MYFER	SPLED OF SOUTH	WIND DATA DIRECTION SI	SPEED KRIOTS	Ince x of WFFIACTION
					•		· '	•
7.00°70	56.50 5.00 5.00 5.00 5.00 5.00 5.00 5.00	16.1.00		3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00		<b>4.</b> 0	ت. د	1.000019
J. 1311.120	· · · · · · · · · · · · · · · · · · ·	16.1 • 3)		T • †»	50.7.4	16.1	ر. 1	1.000019
	Dr.	7.031		81.8	508.2	22.4	10.9	1.000018
0.000	46.3	-60.0		79.7	3.890	74.1	12.5	1.000018
0.001,000	47.6	-1,59•th		7.1.7	5,69,3	21.9	14.0	1.000017
700007	40.0	2.0.1		75.7	6.699	23.5	14.7	1.000017
701,00.0	40.4	-58.B		73.7	570.4	27.3	14.4	1.000016
7100017	44.5	4.05-		71.9	571.0	31.5	14.2	1.000016
71.000.0	45.8	5.84.		70.07		38.c	12.5	1.000016
7 21193.0	62.5	-57.5		2.09		51.1	10.4	1.000015
72500.0	41.2	-57.5		9.09		0.80	0.6	1.000015
Մ ույնու 7	40.5	-1,7.4		65.1		63.3	9.6	1.000014
75,00.0	3.4.5	-57.5		63.5		0°46	8.7	1.000014
740110.7	38.9	-50.0 H		61.6		100.00	9.5	1.000014
741,110.0	37.5	-56.1		69.2		114.0	4.6	1.000013
7.50.00	30.0	4.6.6.4		58.6		141.5	10.4	1.000013
755,10.1	35.1	-2/t · 1		57.0		127.0	11.1	1.000013
6.00000	34.9	-54.1		55.5	570.1	134.0	10.2	1.000012
755,00.0	34.1	-53.4		0.45	577.6	1.17.1	8.5	1.000012
7/11/10-1	35.5	-52.7		52.6		104.4	7 - 4	1.00012
775,00.0	34.5	152.0		2.15		1.001	6.5	1.00001
75000 T	31.3	-51.7		90.0	57.9.7	130.4	5•6	1.000011
706,410.0	31.5	-51.7		8.84	57.9.7	210.4	5.3	1.00001
790000	30.5	-51.7		1.7.7	579.7	222.5	C • h	1.000011
795110.0	29.0	-41.6		40.0€	6.619	214.0	3.9	1.400010
20000c	28.9	-51.4		45.5	500.5	8.11112	3.1	1.000010
3.15.10.n	20.3	-51.5		7. 7. 7. 7.	580.4	1,30.3	5.9	1.000010
31440.	27.6	-51.9		43.3	280.7	174.3	3.4	1.000610
111,000 a	27.3	-50.7		112.3	0.183	174.1	C • 5	1.000000
12000	20.1	-50.5		41.3	581.3	1711.7	4.3	1.000000
0.4590.0	25.H	-50.3		49.3		10.1.0	6.0	1.000009
0.5000	25.5	6.6.4-		5.1.3		1000	Ŧ.	1. 1000 1.1

Staffou alittude 3939.nn 1 oct. an 1515   Asceliston ag. 527	11740c 53:	33.00 FEEF F. 45L. 1515 HRS MDT		UPPLR AIR LA 2750029527 WHITE SANDS TABLE 5 (CC	CATA S27 NUS (CONT)	·	6E0DUTP 32. 106.	6EODETIC COORDINATES 32.40043 LAT REG 106.37033 LON REG
Offerig TRIC ALTITION OFFERING	PRESSURE HILLIDARS	TE-PERATORE AIR DEWFOL,T DEGRES CEATIGRADE	REL HIM. PERCENT	DENSITY ( GMZCURIC METER	SPEED OF SOUND KNOTS	WIND DATA DIRECTION S DEGREES(TN) K	JA SPEEU KNOTS	INUEX OF REFRACTION
0.00268	24.6	5*6+ <del>-</del>		38.3	582.6	107.2	3.9	1.000009
0.000	24.1	1.64-		37.4	583.1	170.7	3.4	1.000008
6.45,70.0	23.5	-18.7		36.5	503.6	173.0	2.9	1.990008
6.000055	23.0	-413.3		35•6	584.1	182.4	5°¢	1.000008
355,70.0	22.1	-43.0		34 • 7	584.0	191.8	1.6	1.000004
Bun00.1	21.9	-47.6		33.9	585.1	220-8	æ.	1.000008
ë•00°cc≎	21.4	-47.6		33.1	185.1	595•0	8.	1.000007
37000.9	21.0	-43.0		25.4	534.0	329.5	1.1	1.000007
₫ / ₹ 00° ŋ	20.5	4.84-		31.7	584.1	354.1	1.3	1.000007
0.3000 s	20.0	-48.3		31.1	583.5	10.7	1.7	1.000007
65590·0	19.6	-48•6		30.4	583.8	50.9	2.3	1.000007
Ŭ•00060	13.1	-48.4		29•6	584.0	20.0	3.4	1.000007
89500•n	10.7	-48.2		28.9	564.3	49.tb	4.5	1.000000
90000	13.5	-4:0.r		28.3	584.6	51.4	5.5	1.000006
90500°	17.9	-47.8		27.6	584.8	52.3	5.5	1.000006
91600.6	17.5	-47.to		27.0	585.1	55.5	5.5	1.000006
91500°9	17.1	t, * / t, -		26.3	585.3	₹.+÷Ç	5.5	1.000006
92009.0	1001	-47.2		25.7	ეფე•ი	22.5	4.5	1.000006
92500.n	10.3	-4 1 · u		25.1	565.9	1•િ	3∙0	1.000006
C.00115C	15.0	1,15.2		24.5	580.1	335.4	3.7	1.000005
950,00	15.6	-46.6		23.9	536.4	319.1	4.0	1.000005
£*000006	15.2	-46.4		23.4	536.7	307.0	4.3	1.000095
94500.0	1.4.9	-40.1		22.8		297.9	4.7	1.000005
95000	14.5	0.11.		22.5	-	283.0	5.1	1.000005
0.00006	7.4.5	-43.7		21.6	-	253.0	5.8	1.000005
9ea00.c	13.9	-42.4		21.0	5.11.8	241.3	7.3	1.000005
<b>∀•</b> ՈՄԵԳ	13.0	-41.2		70.4	5,63	250.1	9.5	1.000005
971100.0	13.5	-40.5		19.9	5,44.5	251.0	10.5	1.000004
975,00.0	10.4	D•04-		19.4	594.8	252.4	11.8	1.000004
70HB0•0	14.1	1.65-		19•0	5.000	253.0	13.1	1.000004
900,006	12.5	<b>-39•</b> 5		18.6	595.5	233.4	14.4	1.000004
6900066	12.2	₹.66-		13.1	595.4			1.000004

STATION AL	ATTHOR 596	STATE OF ACTION SOOS IN FEET 1851.	2750020357 VH1TE 5AUDS	GEODE 3	6EODETIC COONDINATES 32.40093 LAT DEG
NOTE TO THE	130		TABLE 5 (CONT)	10	6.37033 LON 1.EG
GFOLD TRAIC	GFORTHIC PRESSURE	TERMERATURE	PEL . HIM.	AU UNIN	
75. 1 F. 1	HILLIGARS	ALL FEET MILLIAMS DEACES CENTIONAGE	PEPCLNI GMZCUBIC SCUIND METER KNOTS	DIRECTION SPEED DEGREES(TW) KNOTS	OF REFRACT101.
1. 11. 11. n		1.5.1.6.13	17.7 538.3		1.000004
10.00.00	11.	-34.6	17.3 596.6		1 - 000004
1,10,7110,6		-33.5	16.9 597.0		1.00004
101000.0		-36∙0	10.5 597.5		1.000004
101,100.0		-37.A	16.2 597.7		1.000004
11.51109.0		-37.5	15.8 598.1		1.000004
11.2.1,110.0	10.01	-37.2	15.4 598.4		1.000003
103000.0	10.2	-30.0	15-1 598.8		1.000003

MANDATORY LEVELS	2750020527 WHITE SAILS	TABLE 6
	STATION ALTITUDE 3989-NO FIRT MSL 1 of 1-89 TRIE UPC MRT	45ce (510H 140+ 527 1919 ANS PIDE

JEODETIC COOKPINATES 32,40043 LAT DEG 106.37033 LON DEG

WIND DATA		4.5	5•3	0•0	12.6	13.6	11.4	6•4	<b>1•</b> 4	10.9	18.8	13.4	26.1	29•0	40.8	9•44	39.0	31.6	10.4	12.5	9•8	S•4	10.8	g•6	4.5	0.4	1.7	4 • 5
WIND CITOR	DEGREES (TN)	354+4	350.3	338.5	333.4	328-2	317.2	282•3	34.2	250.0	227∙8	278.2	301.2	312.3	312.2	316.8	322.5	321.1	525.0	326.3	322.2	334+1	22.4	85.4	219.0	168•0	10.01	302.3
REL - HUM-	בייביי	24.	33.	17.	14.	13.	15.	13.	14.	14.	14.	15.	17.															
TEMPERATURE	CENTIGRADE	, 3.6.	3.8	T.7-	-13.0	-16.0	-20.5	-24.7	-29.3	-33.9	-39.5	-45.1	-50.1															
-	S	25.5	20.7	17.8	14.1	10.6	5.7	ħ•	-6.2	-12.0	-18.8	-26.2	-33.6	-44-6	6.55-	-59.5	-65.5	-71.6	-73.2	4.00	-63.9	-65.0	<b>5.00</b>	-78.0	-51.7	Z * C † T	-48.3	-'16+3
OPOFFINITAL	FEET	4.964	6697.	8516.	10437.	12474.	14040.	16951,	19427.	22103.	25021.	28217.	51847.	35943.	40753.	43553	46655	50244.	54537.	58074	01491.	64546.	bA233.	12333.	788290.	82795.	676n4.	93342.
PRESSURE GEOPOTENTIAL	MILLIBARS	350.0	309.1	759.0	700.0	650.0	0.000	559.1	500.n	450.0	400 t	350.0	300.0	250.0	0.005	175.0	150.0	125.0	0.001	U*U¥	70.07	U•Ua	6.113	U*0#:	30.0	25.1	50 • ل	15.0

\*\* AT LLAST ONE ASSUMED RELATIVE RUMBERTY VALUE WAS USED IN THE INTERPOLATION.

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JEOULTIC COOKUITAIES 32.88865 LAT OF 6 196.89965 LON PEG

515 HRS MOT	est. T	516411 1C 27 1901	STGHIFICANT PENCE OF STANDARD PARTICIPACE HOLLOWARD	נומן נ
		TA	TABLE 7	
PLUSTIN		걸	TEMPERATURE.	R.L.HUM.
MLLITARS	ALTERDIE SUSCEPTE	VIK LEGREFS	CETT TOWNER	PL MCLAI
877.5	4120.6	27.0	10.7	0.9%
4,67.06	4.4911	25.0	8.1	34.0
350.6	5653.4	23.3	/•b	.57.0
5.51·R	5472.3	22.0	?•Ω	41.0
821.8	6916.6	20.7	<b>0.</b> 0	0.04
かくいど	t,693.3	0.01	٠,١٠	1,501
# · · · · · · · · · · · · · · · · · · ·	8505.0	17.h	7.7-	17.0
0. nr.	10517.8	٠٠ در ا	01،	17.0
9.20,0	12450.7	1.1.	15.4	0.41
0.740	16242.7	7.7	のもない	13.0
0.000	19534.4	7.0	757.4	16.0
G • 65 ± ±	72240.8	-12.0	-35.40	16.0
a. Car	25143.7	U*61-	-37.6	17.0
359.8	27700.6	-25.3	1,5,1	17.0
354.0	29472.5	-28.7	40.0	17.0
300.0	3107,1.4	-34.1	-50.5	17.0
0.04,7	30000	-40 · 5		
2002	40011.4	9•55-		
119.5	43274.3	1°65-		
1,50°0	46934.3	-65.5		
129.4	1.51064	-71.2		
100.0	54755.1	-74.1		
95.6	57773.1	-70.4		
70.0	61738.8	-n8.0		
_	. ~	-61.2		
ი•ი\$	7421 5.5	-88.x		

OF OAT PRICE         PRESSURA         FE-PRECATION         FE-PRECATION         FE-PRECATION         FE-PRECATION         FE-PRECATION         PRECATION         ALL TIME	\$\$\delta 100 ALTITOR   1 Oct 6 & \text{100 ACL      \$\delta \text{100 ACL        \$\delta \text{100 ACL	5741194 ALTITUDE 4126.59 1 VLT. 67 ASCLISION 40. 302		FF11 MS). HRS MDT	-	UPPLE AIR DATA 2750010362 HOLLOHAN TABLE 8	50 Sec	·	GEODETI 32. 106.	GEODETIC COORDINATES 32.88865 LAT LEG 106.09965 LON LEG
4126.10         477.8         27.0         10.7         36.0         10.34.2         270.0         4.1           49,00.0         48.5         23.5         7.4         36.7         903.1         074.2         262.1         3.8           50,00.0         43.5         23.5         7.4         36.7         903.2         200.4         3.6           50,00.0         43.5         22.5         7.4         36.7         903.2         300.4         3.6           50,00.0         43.5         22.6         22.7         90.0         97.2         500.4         4.6           100.0         40.7         40.0         97.2         96.2         34.0         4.6           100.0         40.0         97.2         96.2	GF U.AF TRIC AL FITTINE SISE FEET	PRESSURE PILLIBARS	TEM AIR DEGREES	PERATUME DEMPOSAT CENTIGRADE	, EL. HUM. PERCENT	DFIJSITY GMZCURIC METER	SPERD OF SOUND KILO IS	WIND DA DIRECTION DEGREES(IN)	JA SPEED KNOTS	IMDEX OF REFRACTION
45,00.n         48,52         74,0         74,0         34,2         1003-1         074-2         262-1         3.6           5,00.n         45,20         25,4         7-3         35,7         901-5         318-2         350-4           5,00.n         43,20         27-3         36,7         901-5         318-2         350-4           5,00.n         43,20         20-1         1-0         27-9         97-2         505-2         4-6           1,00.n         43,27         190         -7-6         27-9         97-2         505-6         350-6         6-2           1,00.n         79-7         190         -7-6         27-9         97-2         505-6         350-6         6-2           1,00.n         10-7         10-7         20-7         97-2	4120.0		27.0	10.7	.36.0	1015.2	, 10.d	270.0	4.1	1.000280
brithen         #\$1.6         #\$3.5         7.4         #\$6.7         945.5         #\$7.5         #\$1.6         #\$3.5         #\$3.6 <t< th=""><th>4.980.0</th><th></th><th>6.44</th><th>0°4</th><th>34.2</th><th>1003.1</th><th>674.2</th><th>742×1</th><th>3.8</th><th>1.000271</th></t<>	4.980.0		6.44	0°4	34.2	1003.1	674.2	742×1	3.8	1.000271
95/10-0         H36-13         22-4         n-1         30-9         971-1         314-2         35-9           04/10-0         H22-3         20-1         10-7         10-6         27-9         956-6         345-9         4-6           04/10-0         P3-7         10-6         22-1         956-6         355-6         6-6         355-6         6-6         955-6         6-6         955-6         10-7	5nin.		23.5	7•.3	36.7.	99.5	072.5	3000	3.6	1.00026A
Unition         M22-3         20-1         60-1         976-2         069-4         353-0         4-6           Unition         M67-4         20-1         10         27-9         956-7         66-6         350-4         6-6           Minn         M93-7         19-6         -7-6         27-3         96-7         66-6         350-6         6-2           Minn         M93-7         19-6         -7-6         27-3         913-2         66-6         350-6         10-7           Binn         M93-7         19-8         -7-6         17-6         66-6         350-7         14-6           Mynn         M94-7         17-7         80-6         60-1         350-7         14-3           Mynn         M94-1         17-7         17-0         80-6         60-1         350-7         14-3           Mynn         M94-1         17-0         80-6         60-1         350-7         14-3           Mynn         M94-1         17-0         80-6         60-1         350-7         14-3           Mynn         M94-1         17-0         18-3         550-8         14-3         14-3           Mynn         M94-1         17-0         18-	0.000	-	20.4	1•ເ	39.9	9A1.7	_	318.2	3.9	1.000266
Unition         Miles         2011         110         27.9         956.7         667.3         340.5         6.2           Numer         793.7         193.6         -7.6         22.1         976.7         667.3         353.4         6.1           Nome         193.6         -7.6         20.7         97.2         667.3         355.4         10.1           Nome         194.6         -7.6         17.9         -6.0         20.7         97.2         50.0         350.4         10.1           Nome         19.2         17.2         -6.0         17.0         87.9         605.2         359.7         14.9           Million         70.1         17.0         87.9         60.1         359.7         14.9           Million         70.2         70.0         17.0         87.9         60.1         359.7         14.9           Million         70.2         70.0         17.0         87.0         60.1         359.7         14.9           Million         60.7         17.0         87.0         60.1         359.7         14.9           Million         60.7         17.0         87.0         60.1         350.2         10.7	6.60000	H22.5	20.3	1.47	40.0	97n.2	Ī	333.6	9•4	1.000259
79.6         19.6         -2.6         22.1         946.5         353.4         8.1           79.7         19.6         -6.6         20.7         927.6         665.6         355.6         10.7           70.9         10.6         -6.6         17.9         93.2         665.6         355.6         10.7           752.5         17.9         -6.6         90.2         356.7         14.9           739.2         17.0         872.9         665.3         358.7         14.9           739.2         17.0         872.9         665.2         359.7         14.9           739.2         17.0         872.9         666.7         359.7         14.3           739.2         13.1         -7.0         872.9         666.7         359.7         14.3           730.6         13.3         -11.0         16.3         835.4         66.7         14.3         8.2           653.8         13.4         14.0         17.0         848.4         66.2         16.3         8.2         14.1         8.2           653.9         11.0         14.2         14.7         81.0         66.2         16.2         16.2         16.2         16.2         16	01,00°A		20.1	J• C	27.9	956+7	_	340.5	6.2	1.000242
Yellon         779-7         19-0         -4-0         26-7         927-6         666-6         356-6         10-7           Yellon         752-1         18-3         19-3         1913-2         666-6         356-6         14-3           Yellon         752-2         18-3         17-0         878-9         665-6         356-7         14-9           Yellon         752-2         17-0         878-9         660-2         359-7         14-9           Yellon         752-1         15-1         -7-9         17-0         872-9         660-1         359-7         14-9           Hullon         73-1         15-1         -7-9         17-0         872-9         660-1         359-7         14-3           Hullon         647-8         15-1         17-0         872-9         660-1         359-7         14-3           Hullon         657-9         15-1         15-3         -11-4         15-3         17-0         878-4         660-1         350-3         18-3           Hullon         657-3         11-8         15-3         14-7         17-1         18-1         18-2         18-1         18-1           Hullon         651-4         11-2	71,00.0		19.6	-2•6	22.1	042.5	_	353.4	8•1	1.000232
billion         fbeen         18.5         -5.4         19.3         913.2         606.0         356.4         13.1           billion         f52.5         17.9         -6.8         17.9         808.9         605.3         358.7         14.9           9mine         f32.5         17.9         -6.8         17.9         808.9         605.3         358.7         14.9           9mine         f22.5         17.0         872.9         665.3         359.7         14.9           9mine         f22.1         17.0         872.9         665.2         359.7         14.9           10mine         673.5         15.1         17.0         860.6         50.9         35.0         14.9           11mine         673.6         15.5         872.0         658.9         35.9         14.9           11mine         675.5         17.0         872.0         658.9         14.9         15.8           11mine         17.0         17.0         658.0         35.0         8.9         14.9           12mine         653.0         14.7         76.7         658.0         14.0         16.7           12mine         15.0         14.0         15.0			19.0	0.5-	20.7	9.426		356.0	10.7	1.000227
752-5         17.9         -6.8         17.9         898.9         965.3         358.7         14.9           759-2         17.2         -6.6         17.0         8872.9         664.4         359.1         15.8           720-1         16.1         -6.9         17.0         8672.9         59.7         14.3           713-1         15.1         -6.9         17.0         8672.9         59.7         14.3           703-1         15.1         17.0         8672.9         59.8         14.1         8.2           643-8         13.3         -11.0         15.5         848.4         660.7         12.8         9.4           643-8         13.4         16.3         848.4         650.3         14.1         8.2           643-8         11.8         -14.2         14.7         81.0         550.3         14.1         8.2           653-1         11.8         -14.2         14.7         77.4         657.1         350.3         11.3           653-1         11.0         -15.4         13.7         774.8         654.4         321.4         11.3           653-1         15.4         13.7         774.8         654.4         321.4			10.5	5.4.3	19.3	913.2		358.4	13.1	1.000222
739-2         17-2         PP-6         17-0         885-4         664.4         359-1         15-8           720-1         16-1         PP-6         17-0         872-9         96.3-2         359-7         14-3           713-1         15-1         PP-7         17-0         860-6         60.1-9         359-7         14-3           701-0         14-0         -17-0         17-0         848-4         660-7         12-8         9-4           647-8         13-3         -11-0         15-5         835-4         659-8         14-1         8-1           647-8         12-5         -13-0         15-5         872-0         659-0         350-3         8-1           653-3         11-0         -15-0         14-7         817-0         659-0         8-1         8-1           653-4         13-0         15-5         872-0         659-0         350-3         8-2         8-3         8-3           653-4         14-1         13-7         774-8         659-7         11-1         8-3         8-3         8-3         8-3         8-3         8-3         8-3         8-3         8-3         8-3         8-3         8-3         9-3         8-3 <th>0.005x</th> <th></th> <th>17.9</th> <th>8.9-</th> <th>17.9</th> <th>898.9</th> <th>665.3</th> <th>358.7</th> <th>14.9</th> <th>1.000217</th>	0.005x		17.9	8.9-	17.9	898.9	665.3	358.7	14.9	1.000217
/26.1         10.1         -7.9         17.0         872.9         665.2         559.7         14.3           //3.1         15.1         -9.7         17.0         860.6         601.9         3.0         12.2           //0.1         15.1         -9.7         17.0         860.6         601.9         3.0         12.2           //0.5         12.5         -17.0         843.4         659.8         14.1         8.2           647.5         12.5         -17.0         16.3         863.4         659.8         14.1         8.2           653.5         12.5         -17.0         15.5         872.0         658.0         559.3         8.3           653.4         13.0         -17.4         14.7         797.7         657.1         536.9         10.7           653.4         13.0         17.4         13.9         774.8         657.1         536.9         10.7           653.4         11.0         -17.4         13.7         774.8         654.4         520.9         10.7           653.4         11.0         13.5         774.8         654.4         521.4         11.0           653.4         13.5         72.1         13.5	J•00 <sup>11</sup> 6		17.2	13 • U =	17.0	885.4	Ī	359+1	15.8	1.000212
713-1         15-1         -9-7         17-0         860-6         601.9         3-0         12-2         1           6047-8         14-0         -10-6         17-0         848-4         660.7         12-8         9-4         1           6047-8         13-3         -11-0         15-5         835-4         659.8         14-1         8-2         1           6047-8         13-3         -17-0         15-5         875-4         659.8         14-1         8-2         1           605-3         11-8         -17-0         15-5         875-4         659.9         8-3         1           655-3         11-8         -17-0         15-5         870-2         658.0         550-5         10-7           651-4         11-0         -15-0         14-0         70-2         650-5         10-7         11-1           653-4         9-4         15-0         774-8         654.4         321-4         11-1         11-1           653-4         15-0         774-8         654.4         321-4         11-3         11-1           100-4         15-1         15-5         774-8         654.4         321-4         11-3           100-4 <th>7.00°.</th> <th></th> <th>1001</th> <th>6•႘−</th> <th>17.0</th> <th>872.9</th> <th></th> <th>359.7</th> <th>14.3</th> <th>1.000209</th>	7.00°.		1001	6•႘−	17.0	872.9		359.7	14.3	1.000209
700***         14*0         -19*6         17*0         648*4         666*7         12*8         9*4         1           647***         13*3         -11*0         16*3         835*4         659*8         14*1         8*2         1           653***         12**         -11*0         15*5         810*0         550*3         8*1         1           653***         11**         -14**         14**         810*0         650*3         10*7         10*7           653***         11**         -15**         14**         79**         650**         10**         10*7         11*1           653***         11**         13**         774**         654**         350**         10*7         11*1         11*1         11*1         11*1         11*1         11*1         11*1         11*1         11*1         11*1         11*1         11*1         11*1         10*7         11*0         <	J-0000T		15.1	L-0-	17.0	360.6		3•6	12.2	1.000205
647.8 13.3 -11.0 16.3 835.4 659.8 14.1 8.2 1 653.5 12.5 -13.0 15.5 872.0 058.9 55.9 8.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	105n0.c		14.0	-10.6	17.0	448.4	669.7	12.8	4.6	1.090202
675.5 12.5 -13.0 15.5 872.0 058.9 5.9 8.1 1 1 665.3 11.8 -14.2 14.7 819.0 058.0 550.5 80.5 10.7 10.5 10.5 11.8 -14.2 14.7 819.0 058.0 550.5 80.9 10.7 10.5 11.0 -15.4 14.0 797.7 057.1 536.9 10.7 11.1 11.1 11.1 11.1 11.1 11.1 11.1	11000.0	647.R	13.3	-11-8	16.3	835.4		1.4.1	8.2	1.000198
651-8         11.8         -14.2         14.7         819.0         550.5         80.9         1           651-8         11.0         -15.4         14.0         797.7         657.1         536.9         10.7         1           651-8         11.0         -15.4         14.0         786.2         655.1         326.9         10.7         1           627-7         4.8         -17.4         13.7         774.8         654.4         326.9         10.7         11.3           627-7         4.8         -17.4         13.7         774.8         654.4         321.4         11.3         11.1           627-7         4.8         -17.4         13.7         774.8         653.1         315.0         10.7         11.3           627-7         6.5         6.5         10.7         11.3         11.3         11.3         11.3           72-1         7.7         7.7         7.7         7.7         7.7         10.7         10.7         10.7           950-8         -27.1         13.2         7.7         7.7         7.7         2.2         1.4         1.4         1.4         1.4           10.0         -27.1         14.1 <t< th=""><th>11:00.7</th><td>672.5</td><td>12.5</td><td>-13.0</td><td>15.5</td><td>822.0</td><td></td><td>5•9</td><td>8•1</td><td>1.000194</td></t<>	11:00.7	672.5	12.5	-13.0	15.5	822.0		5•9	8•1	1.000194
651.4 11.0 -15.4 14.0 797.7 657.1 536.9 10.7 11 653.4 9.9 -16.4 13.9 786.2 655.7 528.7 11.1 11 627.7 8.8 -17.4 13.7 774.8 654.4 321.4 11.3 11 627.7 8.8 -17.4 13.7 774.8 654.4 321.4 11.3 11 604.8 6.6 -19.4 13.5 752.6 651.8 315.0 10.7 11 604.8 6.6 -20.4 13.2 771.8 311.2 6.0 11 605.3 -20.4 13.2 771.8 292.4 4.4 13.2 720.1 647.9 292.4 4.4 13.1 720.5 640.5 271.8 3.2 11 6061.5 2.0 -23.2 13.2 770.1 645.0 307.3 2.3 11 600.4 -5 -27.2 14.6 680.2 641.9 9.8 3.8 11 600.5 -3.1 -25.9 15.1 6570.5 640.4 17.4 5.7 11 600.7 -4.3 -25.7 15.5 661.0 033.9 3.5 5.7 11 600.7 25.6 -4.3 -27.4 15.0 651.0 057.4 352.4 6.6	120,000		11.8	-14.5	14.7	819.0		350.5	0.0	1.000190
659.4 9.9 -16.4 13.9 786.2 655.7 328.7 11.1 11.1 11.1 11.1 11.1 11.1 11.1 1	12,000.		11.0	-15.4	14.0	1.797		336.9	10.7	1.000166
527.7         8.8         -17.4         13.7         774.8         654.4         321.4         11.3         1           n10.1         7.7         -13.4         13.6         753.7         653.1         518.0         11.0         1           504.8         -19.4         13.5         752.6         651.8         315.0         10.7         1           504.8         5.5         -20.4         13.3         741.8         650.5         311.2         6.5         1           582.4         4.3         -21.4         13.2         731.1         649.2         304.2         6.0         1	4.31,110.r		ь•6	-16.44	13.9	786.2		328.7	11.1	1.000183
block         767.7         553.7         553.1         516.0         11.0         1           504.8         -19.4         13.5         752.6         651.8         315.0         10.7         1           595.7         -20.4         13.5         761.6         649.2         341.2         8.5         1           582.8         -20.4         13.2         761.6         649.2         364.2         6.0         1           582.4         4.3         -27.2         13.2         760.6         647.9         292.4         4.4         1           561.5         2.0         -27.2         13.2         700.1         647.9         292.4         4.4         1           561.5         2.0         13.2         700.1         647.9         292.4         4.4         1           561.5         2.0         13.7         700.1         647.9         292.4         4.4         1           561.6         3.0         3.7         3.0         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2         3.2	13,00.0		¥	-17.4	13.7	774.8	654.4	321•4	11.3	1.000180
504.8       515.0       10.7       1         595.7       5.5       -20.4       13.5       762.6       651.8       315.0       10.7       1         595.7       5.5       -20.4       13.2       771.0       690.5       311.2       8.5       1         562.4       4.3       -21.4       13.2       721.1       649.2       292.4       4.4       1         562.5       2.0       -22.4       13.1       720.6       647.9       292.4       4.4       1         561.5       2.0       -23.2       13.2       700.1       647.9       292.4       4.4       1         561.5       2.0       -27.2       13.2       700.1       647.9       292.4       4.4       1         561.5       2.0       13.7       700.1       645.0       307.5       2.3       1         560.2       40.4       40.4       14.1       690.1       640.4       3.49.8       2.6       1         560.2       -1.4       -25.2       14.6       670.5       640.4       17.4       5.2       1         560.2       -1.3       -25.2       14.6       650.2       641.9       3.6       5.	14000.0	-	7.7	13.4	13.6	763.7		314.0	11.0	1.000177
593.7       555       -20.4       13.3       741.6       650.5       311.2       8.5       1         582.8       4.3       -21.4       13.2       731.1       649.2       304.2       6.0       1         572.1       3.2       -27.4       13.1       720.6       647.9       292.4       4.4       1         572.1       2.0       -27.2       13.2       710.3       645.9       292.4       4.4       1         561.5       2.0       -27.2       13.2       710.3       640.5       271.8       3.2       1         550.4        -27.6       14.1       690.1       645.0       349.6       2.6       1         540.4        -27.2       14.6       680.1       641.9       9.8       3.8       1         510.4        -27.2       14.6       661.0       0.33.9       3.5       5.7       1         510.5       -4.3       -25.2       14.6       661.0       0.33.9       3.5       5.7       1         50.7       -4.3       -26.7       15.6       661.0       0.57.4       6.6       1	14500.0		9•0	4.61-	13.5	752.6	_	315.0	10.7	1.000174
582.8       4.3       -21.4       13.2       731.1       649.2       304.2       6.0       1         572.1       3.2       -27.4       13.1       720.6       647.9       292.4       4.4       1         561.5       2.0       -27.2       13.2       710.3       645.9       292.4       4.4       1         550.5       2.0       -27.2       13.2       70.3       700.1       645.9       271.8       3.2       1         540.4      5       -27.9       14.1       690.1       645.9       349.8       2.6       1         530.2       -1.8       -25.2       14.6       670.1       643.5       9.8       3.8       1         510.2       -1.8       -25.2       14.6       670.1       9.8       3.8       1         510.5       -4.3       -25.9       15.1       651.0       0.33.9       3.5       5.7       1         510.5       -4.3       -25.7       15.0       651.0       0.57.4       5.6       1	150,00		ທ. ວ	+-02 <b>-</b>	13.3	741.6	_	311.5	8.5	1.000171
572-1       3.2       -25.4       13.1       720.6       647.9       292.4       4.4       1         561.5       2.0       -23.2       13.2       710.3       646.5       271.8       3.2       1         550.8       .8       -23.9       13.7       700.1       645.0       307.3       2.3       1         550.4       .8       .6       14.1       690.1       645.0       349.6       2.6       1         530.2       -1.8       -25.2       14.6       689.2       641.9       9.8       3.8       1         510.2       -3.1       -25.2       15.1       651.0       0.33.9       3.5       5.7       1         510.3       -4.3       -25.7       15.6       651.0       0.33.9       3.5       5.7       1         500.4       -4.3       -27.4       15.0       651.0       0.57.4       5.2       1	150,000		£•43	-21.4	13.2	731.1	649.2	304.5	<b>6</b> •0	1.000168
561.5     2.0     -23.2     13.2     710.3     646.5     271.8     3.2     1       550.8     -3     -23.9     13.7     700.1     645.0     307.5     2.3     1       540.4     -5     -24.6     14.1     690.1     643.5     349.6     2.6     1       530.2     -1.8     -25.2     14.6     689.2     641.9     9.8     3.8     1       520.2     -3.1     -25.9     15.1     670.5     640.4     17.4     5.2     1       513.5     -4.3     -25.7     15.5     651.0     0.33.9     3.5     5.7     1       500.7     -4.3     -27.4     15.0     651.0     0.57.4     5.2     1	10000		%•5	₩•32-	13.1	720.6	_	592.4	7.7	1.000166
550.8 .8 -23.9 13.7 700.1 645.0 307.5 2.3 1 540.45 -24.6 14.1 690.1 643.5 349.8 2.6 1 530.2 -1.8 -25.2 14.6 689.2 641.9 9.8 3.8 1 520.2 -3.1 -25.9 15.1 670.5 640.4 17.4 5.2 1 519.5 -4.3 -26.7 15.5 661.0 033.9 3.5 5.7 1 509.7 -25.6 15.0 651.0 033.9 3.5 5.7 1	105,00.0	361.5	2•1	-54.5	13.2	71.0.3	Ī	271∙8	3.2	1.000163
540.45 -24.6 14.1 690.1 643.5 349.8 2.6 1 530.2 -1.8 -25.2 14.6 680.2 641.9 9.8 3.8 1 520.2 -3.1 -25.9 15.1 670.5 640.4 17.4 5.2 1 519.5 -4.3 -26.7 15.5 661.0 0.33.9 3.5 5.7 1 500.7 55.6 1 55.7 1 55.0 0.57.4 55.7 1 55.0 0.57.4 55.7 1	17000.0		ಪ್ •	-23.9	13.7	700.	0.640	307.3	2.3	1.000160
530-2 -1.8 -25-2 14.6 680-2 641.9 9.8 3.8 1 520-2 -3.1 -25-9 15.1 670-5 640.4 17.4 5.2 1 519.5 -4.3 -26.7 15.5 661.0 653.9 5.5 5.7 1 5.6 509.7 5.6 5.7 1 5.6 509.7 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.6 5.7 1 5.7 1 5.6 5.7 1 5	17.,000	-	ທ <b>ໍ</b> ເ	-24.6	14.1	0000		349.6	2.6	1.00015.8
220.2 -5.1 -25.9 15.1 670.5 640.4 17.4 5.2 1 519.5 -4.3 -26.7 15.5 661.0 0.33.9 5.5 5.7 1 509.ℓ ₹5.6 -27.4 15.0 651.0 0.5ℓ.4 552.4 6.6 1	15000		-1.3	-27.2	14.6	680+2		<b>9•</b> €	3.8	1.000156
519.5 -4.3 -26.7 15.5 661.0 038.9 3.5 5.7 1 509.7 -5.6 -27.4 15.0 651.0 057.4 352.4 6.6 1	18500.		-3.1	6.62-	15.1	670 s	_	17.4	5.5	1.000153
309•7 <del>1</del> 5•6 -27•4 16•0 6 <sup>5</sup> 1•6 037•4 352•4 6•6 1	13000.0		-4.3	-26.7	15.5	0 • 1 ∂ <del>0</del>	0.58.9	3.5	5.7	1.000151
	19,00°C	-	1.5.n	-27.4	15.0	6°1°6	057.4	352+4	9•9	1.000143

STALLOW ALTITODE 4126.59	HPDE 41.		HRS MDT	-	UPPLY AIK UNTA 2750319362 HOLLOMAH	un TA Se		JEODE 11	JEODETIC COURDINALES 32.84865 LAT DEG
Aberijatoj 40.	704 • 0*·				TABLE 8 (CONT	CONT)		106.	106.09965 LOM <sub>U</sub> EG
GLUSS, TRIC	PECSSORE	1E3P	TEMP RATUME P. DI MOOT IT	EL.HUM.	DEASITY	SPEED OF	WIND DATA	1A CPEFI	INUE X
	LLLIDAR	059445	DESCRIPTION SERVICES		Mr FE!	NO LS	DEGRELS (TN)	KNOTS	REFRACTION
200005	439.1	-0.A	-27.3	16.0	o41•8	0.050	528+1	7.5	1.000146
205019.0	481.4	-1.3	-23.3	16.0	032.1	_	310.3	9.1	1.900144
<100012	472.0	- 3.1	-30.5	16.0	622•b		267.4	9.6	1.0001.1
215,00.0	402.0	-10.3	-51.2	15.0	613.2	631.9	2701.0	11.0	1.000139
22010.0	450.0	-11·t	-32.2	16.0	6.500		25/10	11.3	1.000137
0.00°.72	****	9.21-	-53.1	16.1	594.8		247.1	•	1.000135
250H9.P	430.1	-13.3	-34+0	16.3	595.0		545.3	11.2	5c Inûn•1
43.79.n	427.4	15.0	- 3:5	16.4	9,52.6		250.0	10.6	1.000130
C.6004.2	6.014	-10.2	¥•58-	16.0	567.8		250.5	10.2	1.000128
.,,,,00,,,	410.5	-17.4	-30.7	16.3	559+1	-	223.4	10.0	1.000126
250,00	5.7Ut	-18.7	-37•tb	17.0	559•6		215•u	11.6	1.000124
C. C	234.5		-33.6	17.0	542 • 0		2000	13.4	1.000122
2000002	330.1	-51.1	-33.n	17.7	533.5		200+5	14.6	1.000120
7.01,10×	378.2	-22.3	140.0	17.0	525.5	_	205.0	15.8	1.000118
5/hm.o	3711.5	-23.5	-41.0	17.0	517.0	615.5	211.9	16.3	1.000116
5.00'12	362.4	10401	7 • Ct-	17•û	5000		219.9	16.9	1.000114
2.50005.5	355.	-25.9	0+2+D	17.0	9•005	012.7	223.7	16.2	1.000112
0.00 voz	540.4	200-	t) • 1/t) -	17.0	492.1	_	241.1	15.7	1.000110
5.30 uB • u	7.1.1.0	-27.8	~・」かー	17.0	483.7	_	251.2	15.1	1.000103
C • OU. F ?	15:00	-213.13	146.00	17.0	472.5		270.1	15.5	1.000197
366.00	520.5	-54.5	7.94	17.fi	447.5	-	290.1	17.1	1.000105
C. 00. 10.0	519.0	c • co -	117.5	17.0	9.644	_	290.1	19.0	1.000103
0.00 PTC	512.3	د • درن <del>-</del>	1.04-	1.4.1	6-154		501.c	21.0	101000-1
7.60 L	300.5	-555-1	• • • • • • • • • • • • • • • • • • •	17.0	11+4+5	VII3./	303.4	23.0	1.000009
0.000	1.66%	-76.5	00.	16.0**	436.4	5.500	304.9	25.0	1.000098
74.1.111.00	1.00%	-35.	100 m	14 * {} * #	429.5	to 0.00 - 7	300.5	27.0	960000-1
C. (19)	1.087	1.000	1.5.6.	12.5.	422.5		307.5	28.9	1.100004
7.00	4.000	1430	4.666	10.7**	415.5	597.5	307.05	2000	1.000003
C+0110+0	Z14.7	C1*C**	-19 <u>-</u>	+ * £ 0 ° ¤	†•3uti	6.060	3114.5	29.5	1.000001
241,010	2.pu2	4.041	5° 7° 3	* * · · · · · · · · · · · · · · · · · ·	11.01.6	70.450	3000	30.2	1.000000
3 10/1/3 - 7	702.1	-111.	16.7.0	**C**	305.0	0.7(0	30009	51.5	1 • 000008
0.00°±6.5	750.th	0.54-	1-22-1	* * * 	3338+4	0.166	30.4.5	30 • 7	1 -00000 1

\*\* AT LEAST OR GOODEN REENTIVE PUBLIC VALUE AND USED IN THE INTERPRESE

GEODETIC COOKDINALES 32.88865 LAT DEG 106.09965 LON DEG	INUEX OF REFRACTION	1.0000E5 1.000084	1.000062 1.000080	1.600079	1.000076	1.000075	1.000072	1.000071	1.000069	1.00000.8	1.00006.7	1.000064	1.000063	7.000062	$1 \cdot 000060$	1.000059	1.000058	1.0000.	1.0000	**************************************	1.000053	1.000051	1.00001	1.000049	1.000048	1.900047	1.000046
6E0DETI 32• 106•	SPEED KNOTS	33.8 34.8	35.4 36.0	36.7	38.4	39.5	41.0	41.3	41.4	7 · I †	t t	42.0	43.3	44.8	0.44	45.7	40.8	36.0	Z • CC	700	2 Y Y Y	37.6	36.6	33.5	29.3	26.0	24.8
	#IND DATA DIRECTION S DEGREES(IN) K	309.0 310.1	310.6 311.2	311+3	310.4	30% 30%	308.0	307.9	30.9.0	310.8	314.5	316.6	320.0	323.1	324+7	340+0	320.5	7.020	0.50 0.50 0.50 0.50 0.50	0.000	0,000 0,000 0,000	1.7.7.2	1.02%	320.0	3.7.7	320.	527.5
مامر در (ONT)	SPLED OF SOUND RNOTS	5.69.4 588.1	586.8 585.6	584.3	581.3	529.3			5.47.5	573.8	570.9		568.4	5e7.2	566.0	56/1.5			20120	77000	55.754 5.757	1,000	1,55.46.7		•	15:207	5559
UPPER AIR DATA 2750010362 HOLLOVARI TABLE 8 (CONT	DENSITY ( GMZCURIC NETER	382.0 375.0	360.0	354.4	341.3	334.9	322.6	316.6	310.7	504.9	293.6	287.9	202-1	276.4	270.9	2655	250.1	20.4.C3	7.60.2	0.4.7	034.7	27.0	2000	250.0	215.2	210.1	205.0
	REL. HIM. PERCENT	**17.																									
FEET MSL HRS MDT	TEMPERATURE R DEMPOLUT EES CENTIGRADE	7.12.																									
559 515	TEAP AIR DEGREES	-44.3 -45.3	-46.3	143.2	-50.1	-51.1	-55.9	-5/4•0	-55.1	2000	158.4	-59.4	-60.3	-61.2	162.0	P.23-	5000	9 49	9	-6.7.5th	- C 3 • 5	(, 6, 1)-	1, 112	-71.3	-71.6	-71.9	-72.5
574F10N ALTITUDE 1126. 1 OCT+ 0.3 ASCL1510H 110+ 362	PRESSURE	251.0	234.2	223.6	218.5	203.6	2n3.8	199.2	1.96.1 1.90.0	189.9	101.0	176.1	172.4	166.2	104.1	7.091	100.0	0 - 30 t	145.6	141.6	137.9	134.5	131,1	127.3	124.6	151.4	110.5
514f10N ALTIT 1 OCT+ 63 ASCLESTON (10+	GEORICTRAG AL FATTODE NSE PERT	36840 • 0	37043•A	38600•0 38503•0	39000	6.0000t	40500.0	41000.0	6.09514	0.00000	45000	4.54,00.0	641100.0	445N0+7	45000	0.000 to		4 7000-0	4 /5,00	C. 00.	4.30,000	C*UUUF.tı	490,00	2.00000	÷0.50€	51000	219,00

\*\* AF JEAST ON 25509P) FLATME HUMBLY VELSE NAS UGD IN TOLIMERFOLATION.

oe00E11C COORGINAJES 32.dd855 LAT 1 E6 196.09965 LOW 1 E9	Tride X OF REFRACTION	1.000045	1.000043	1.900042	1.000041	1.000040	1.000039	$1 \cdot 1000$	1.000037	1.000026	1.000035	1.000034	1.000033	1.000032	1.000032	1.00001	1.000030	1.000029	1.0000 £	1.9000,3	1.0000.7	1•0000, 1,	1+0000.5	1.1000.5	1.000024	1.000023	1.000063	1.0000, 2	1.0000 S	1.0000,1	1.000000	1.00000	1.040.119
32.0 32.0 196.1	TA SPLED RNOTS	23.6	23.3	23.2	21.1	17.7	14.5	12.1	9.B	9.5	9.5	6.5	8.7	8.2	7.6	7.1	7.1	7.1	7.9	9.1	4·6	8.3	7.1	5.0	ڻ. ج	£.	2.6	<b>∵.</b> t	ر د د	5.7	±	۶.۴	= :
	WIND DATA FIRECTION SI DEGREESTIN KI	321207	327.1	347.6	348.0	328.4	323+1	323+5	510.3	315.6	316.0	318.7	322.3	325.2	3<>>1	325.0	350.5	332.8	341.9	347.0	351.8	`•	13.2	10.g	17.1	36.3•4	2.77.2	9.4.02	25/02	550•4	25.5+4	1.275	3.17.1
CONT)	STEED OF SOUND NAOTS	6.133		551.1	550.7		549.8	550.0	550.4	0.100	552.4	55.3.2	0.400	554.7	555.1	555.5	950.0	556.4	95059		557.8			559.7	50.0.4	56,1.1		556	1.00	565.B	4.4.70	56.5.1	505.4
PPPLE ATR CATA PPLE ATR CATA HOLLOGAL TABLE 8 (CONT)	DEWSITY ON COMIC METER	200.1	175.5	190.6	186.0	181.0	177.2	172.6	167.7	163.0	153.4	153.9	149.5	145.4	141.6	137.8	1.54 • 1	130.6	127.1	12357	120.4	117.2	114.0	1111.0	108.0	105.1	102.5	4.Co	6•0 <sub>0</sub>	04.3	61.7	0.69	1960.3
7	RFL . HUM. PERCENT																																
20.50 FELL 652 1515 HRS MDT	TESPERATURE ATS NEWPOLS OF GREES CENTIONADE	-72.5	-7.2.47	-73.0	-73.5	-73.5	-73.9	-75.8	-73.2	-72.7	1-1:-1	-71.5	-70.9	-70.5	-711.1	-6.4.3	5.69	1.69-	165.6	16.8.5	155.2	-67.57	-67.2	-(1) • 7	2000	2.1,1-	べ・5.51	7.49-	2.49-	-6.5.7	16.5+2	-6.2.7	2.00
9E 43	PRESSURE	115.3	112.3	409.5	100.	10.4·3	101.3	1.06	ನ•n6	4.55	91.4	34.1	€.•05	9+40	4.76	50.4	78.2	7.e.y	74.	16.1	: = : :	0.0	1,•19	650 H	(.4.1	66.0	61.1	14. P. 13	1.01:01	1.04	1.000	2. • 5. ·	7.
\$\$\$1794 ALTHODE #1 1 9(1+ \$1 A\$\$E;\$10[6 40+ 352	of the filter ALITHUL SEFEEF	0.0000	52500.0	2.00000	035, <sup>010</sup> •4	0.000 ptc	545,00	0.00000	55200	20,000	50. <sup>5</sup> 00.	0.7000.0	S.00,170	55HH0•n	13500.0	2.4C 00.5C	0.77,00	angu00•3	J. 111, 1110	0.1.100.n	01900	1.611.111.	0.000,70	0.5000	J. 600, 15, 10	ուրդուրդ.	v • 06°. •′·	0.5apte.o	0.000,030	C•00000	0.00000	. 7.1000	C. (0.00 • C.

STALJON ALTITU 1 of 1+ e6 65ch; Stor, 1,0+	TITUDE 41:	STALLOW ALTITUDE 4126.59 FFCT MSL. 1 oct. ec 85cH, Stur. 1.0. 362		UPPLE ATR DATA 2750010362 FOLLOPAN TABLE 8 (CONT)	UATA u.2 (CONT)		JEODETI 32. 186.	of ODETIC COONDINATES 32.68865 LAT DEG 106.09965 LOG DEG
GEVILLE	PRESSURE	Ξ	REL.HUM.	DENSJIY	SPEED OF	WIND DATA	TA	INDEX
ALTITUDE	HILLIBARS	ATE DEWPOLIT DEGRES CENTIORADE	PERCENT	GHZCUBIC MLTER	SOUM NNOTS	DIRECTION DEGREES(TW)	SPEED	OF REFRACTION
0.00000	51.5	-61.7		9• hs	5.00.5	342.0	4.2	1.000019
0.00,00	50.1	-61.2		A2.3		350.4	6.1	1.000018
0.000 to	₽•U#	-60.B		5.0A	567.7	2.4	7.4	1.000018
មាន មាន មាន	1.14	1.09-		78.5		5.5	8•6	1.000017
700000	o.∙0#	160.0		76.2	500.7	15.2	9.5	1.000017
7.05,00	45.5	-59.7		74.5		25.0	10.1	1.000017
/1000°n	ti • ti ti	-59.3		72.4	569.8	33.5	10.9	1.000016
71500.0	けってか	-53.9		70.5		43.5	10.3	1.000016
72.1100 · D	t) • 7 t)	456.5		2.89	570.8	1.45	6.6	1.000015
0.0027	41.4	-53.1		67.0		7.50	10.0	1.000015
73000	† • 0 †ı	-57.7		65+3		69.2	10.4	1.000015
75,00.0	3.9 . 4	-57.3		63.6		74.2	10.9	1.000014
74000.0	38.5	-56.9		62•u		73.1	10.7	1.000014
745,00.0	37.0	-56.5		<b>13.9 •</b> 44		0.28	10.3	1.000013
754971.0	30.	-56•1		53.9		4.7%	10.0	1.000013
75500.0	35.3	-55.7		<b>ካ•</b>	574.5	0.66	9•6	1.000013
7 օրնիս 7	35.0	~555.3		56.0		10.4	1001	1.000012
7.05,00.0	34 • 5	-5/4•3		54.5		113.9	6.4	1.000012
77,000.4	33.4	5.4.5-		53.2		167.2	8.9	1.000012
775,00.0	32.6	-54+2		51.3				1.000012
741110.0	31.8	-53•3		59.5	0.773			1.000011
7.55.00 • 0	31.0	-53.5 • 4		7.61	577.0			1.000011
7.31100.0	30.3	-53.0		0.84	578.1			1.000011

PATELIBARS		ISIS HKS MUI	·	TABLE 9			106.09965 L	32-38805 LAT एE6 106-09965 LOU [E6
11111	ઉભારત હત	PRESSURE GLOFOFFILFIA		Transparent	11EL • 11Um.	OPIER	7.	
	HARS	FELT	AIR DEMPOULL DESREES CLUTTGRADE	ATR DEMPORAL SPEES CENTIGRADE	PERCED	DARLE LON DEGREES (TW)	N SPELD N) KNOIS	
	859.0	5050.	23.3	7.8	37.	302.4	ر. ن• (ه	
	re.(.9x	6773.	19.8	0.4-	23.	351.0	7•1	
	750.n	8567.	17.8	-7.1	18.	358•8	15.2	
	700.4	10568.	14.0	-10.0	17.	13.1	<b>7.</b> 6	
	656.0	12544.	10.9	-15.5	14.	335.7	10.9	
	600° n	14713.	6.1	-13.9	13.	313.5	8.6	
	55p.n	17027.	٠.	-23.9	14.	311.2	2.2	
	500.0	10'567.	-5.7	-27.4	10.	351.1	0.0	
	459.0	22145.	-11.9	-32.6	lo.	252.7	11.6	
	0.00t	25102.	-14.0	-37.0	17.	213.1	12.0	
	350.0	28 513.	9-02-	2 - 11-11-	17.	237.0	15•A	
	300.0	31912.	-34.1	J. U.J.	17.	304+3	54.9	
	259.0	36049.	2.44			509.7	35.9	
	0.00c	4081.3.	-53.R			307.9	41.3	
	175.0	4358B.	-59.7			317.9	45.4	
	150.0	46709.	-65.3			324.4	36.3	
	125.N	50201.	-71.5			327.5	30.0	
	100.0	54547.	-74.1			326.1	13.4	
	X0.0	58907.	2.69-			325.5	7.0	
	70.07	01528.	-68.0			355.2	9•1	
	6.0.a	04591.	6•19-			266.7	A.8	
	50.0	64272.	-61.2			356.3	6.1	
	40.0	721556.	-57.5			70.3	10.5	
	30.0	78845.	-52.8					

\*\* AT CLAST OFF ASSUMED BELATIVE HERJEDTY VALUE WAS USED IN THE INTERPOLATION.

STAILON ALTITUDE 4335.50 FFET MSL	433550 FFEF NS 1405 HRS MDT		516'11F1CAH 2750 SW 70	STRYIFICANT LEVLL DATA 2750230004 SW 70	١ <b>٨</b> ٢.،	GEODETIC COG
ASCENSION NO.	±		TABL	TABLE 10		106.40406
	PRESSURE	GFO JETRIC	TEMPE	TEMPERATURE '	RL.HUM.	
		ALTI FUDE	AIR	AIR DEWPOLIAT	PERCENT	
	MILLIBARS		DEGREES	DEGREES CENTIGRADE	J	
	7.94	3 305 11	17.02	* '	9	
	0 040			0 -		
	0.000 9.007	0.1010	17.5	<b>→</b> ?	0 17	
	700.0	10532.1	14.0	10.1	17.0	
	652.8	12035.0	10.6	-12.0	0.67	
	9.44.9	12796.2	10.5	-15.0	0.41	
	549•fi	17110.3	1.0	-25.4	14.0	
	υ•ύ0ς	19549.5	-5.8	-27.5	16.0	
	424.0	23725.3	-14.9	-35.0	16.0	
	()•()Uh	25164.3	-18.8	-39.2	16.0	
	334.6	29457.5	-27.0	9.44.	17.0	
	300.0	32028.2	-33.5	-50.0	17.0	
		36159.2	-43.0			
		410014	-53.5			
		40934.4	-65.6			
	122.0	51019.7	-71.4			
		54001.2	-73.7			
		54870.7	-72.5			
		59611.7	-68.9			
	79.0	61871.8	-70.0			
		64286.4	6.4.9-			
	0°05	64670.6	-60.1			
	54 • 35	76220.7	-55.8			
	30.05	79374.7	-51.17			
	26.2	82300.2	L.11			
	0.02	88164.3	-49.5			

5L0DLIIC C00KDINAIES 33.3v8A8 LAI 1E6 106.4040b L014 DE6	INUEX OF REFRACTION	1.000259	1.000258	1.000248			1.000231	1.000227	1.000223	1.000218	1.000212	1.000207	1.000202	1.000199	1.000196	1.000193	1.000188	1.000183	1.000180	1.000177	1.000174	1.000171	1.000169	1.000106	1.000163	1.0001.1	1.000158	1.000156	1.000153	1.41000.1	1.000149
5LODL11 33. 106.	SPEED KNOTS	2.9	) ) ) )	٠.	5.3	6.1	7.7	8.0	9.3	10.2	11.1	9∙6	8.1	6.2	4.7	5.9	7.8	10.7	13.3	14.6	15.2	14.4	13.2	11.5	10.3	o ភ.ភ	8.4	υ• <u>•</u> 9	<b>≈.</b> S	£ . 5	4.3
	WIND DATA DIRECTION S DEGRELS(IN) K	270.0	210•U 302•3	520.2	351.4	341.1	352.0	350.3	358.9	354•4	349.1	349.7	351.9	0.665	6•£	347.9	33.4 • 8	323.4	523.7	317.1	312.5	309.6	300.5	309.2	<b>ئ•</b> 011ن	5000	h• h62	201.1	243.5	540°5	4.665
14 V	SPEED OF SOUND KINDTS	680.1	0.73.0	676.2	4.470	672.	0/0.7	4.679	0.5.6	664.3	663.2	662.0	661.0	0.660	658.2	656.8	656.6	6553	0.54.6	053.5	0.25.1	650.8	4°649	648.1	040.8	0.00	0.444	642.5	0.040	0.950	6.57.3
UPPER ATR USTA 2750239094 SW 70 TABLE 11	DEMSITY S GMZCURIC METER	973.0	978.8	966.9	955.1	943.44	9-026	909.5	898.5	846.2	873.3	860.7	848.5	B36 • 4	824.8	я15.4	2.66%	746.1	774.7	763.4	752.5	741.4	730.7	720-1	703.7	†•6υ <sup>0</sup>	649.6	0 • J J J	9•029	661.3	1.269
	PERCENT	21.0	21.0	21.5	22.1	0 ° 6	7.50	24.3	24.8	23.6	21.4	19.3	17.1	17.6	19.3	0.01	15.4	0.4.1	U • ± 1	14.0	c • • •	14.1	14.0	14.0	14.0	14.0	14.3	14.7	15.1	15.5	16.0
F 1954. 10T	FEPPERATURE R DEMPOINT EES CENTIORADE	ល់ ភ	† • • • • • • • • • • • • • • • • • • •	3.5	\$. 2.	<b>*</b> :	; 	-11-	t • 2 -	U•ħ-	16.0	-9-1	-11).3	-10.9	-11.4	-12•U	-14.5	-16.2	-17.1	6./[-	e	1-11-1	9-02-	-21.5	# CZ-	-63.3	-24.1	6.02-	-55.4	-26.6	h • L ? -
25.50 HEFF MSL 405 HRS MDT	VEPY AIR DEGREES	30.4	28.0	27.1	\$2. \$2. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1	2 t C	) C	19.5	13.1	16.4	16.0	15.1	14.3	13.1	11.3	10.7	10.5	10.1	۰ د ۱	;;•,	<b>/•</b> 9	e.c.	۵. د	٠. ٢.	2.5	1.5		-1.5	5.0°	r:	7.47
~ ~	PRESSURE HILLIBARS	868.7	350.00 850.9	830.2	821.7	00/04	1.621	760.1	152.8	139.6	720.4	113.5	100.13	683.2	670+B	56.5•to	9.150	639.1	6-129	٠١٥.	0.500	290.18	562.9	2.72.5	561.6	551.5	540.0	130.6	450.5	510.6	1. HOC
STALION ALTITUDE 9, 1 oct- 80 Escriston NO- 9	GF UNITATION TALL	3.40°C.	0.00co	ν•06 <sup>ς,ς,</sup>	0.00.110	0.0000	75,00.0	0.0000	35,00.0	0.0000	95,00.3	10000	105:301	11000.0	115º09•€	12040-0	12500.0	150,40.0	15500.51	V-011011	0.0m241	I Sugar	155,10•0	10,000	100,00	17,000.0	175,00.0	18000	135,70 · n	V*60'F. F	#*GG*61

UINA LAT	106.40406 LON LEG	INDEX	OF REFRACTION	1.000146	1.000144	1.000141	1.000139	1.000137	1.000134	1.000132	1.000130	1.000128	1.000126	1.000124	1.000122	1.000120	1.000118	1.000116	1.000114	1.000112	1.000110	1.000108	1.000106	1.000104	1.000103	1.000101	1.000049	1.000098	1.000096	1.000094	1.000093	1.000001	1.000099	1.000088	1.900026
oEODETIC 53.5	106.4	۲,	SPEED KNOTS	4.6	5.1	6.1	7 • 4	6•6	11.6	13.0	13.9	14.6	15.4	16.1	16.8	17.4	17.8	18.4	17.7	17.9	19.3	21.6	24.1	26.5	56.9	27.2	57.9	28.7	29.7	30.7	31.3	31.7	31.3	30.8	30.0
		MINU DATA	DIRECTION DEGREES (TN)	303.9	304.7	293.0	270.3	259.4	249•0	240.7	254.1	224.2	2-4-7	222.5	221.6	221•3	220.3	235.4	248+5	262.4	216.2	287.7	291.3	293.0	2,43.5	943.0	0.763	300 • 8	302.9	3.44.5	303.0	342.1	302.0	39.5 4	603.00
. ATA 14	(CONT)	SI'LLU OF	SOUND KNO IS	036.0	154.7	635.5	032.0	650.7	629.4	628.1	626.1	625.2	625.6	651.9	620.6	619.4	018.2	617.1	612.0	614.7	013.5	012.5	611.1	6,609	60B.0	606.4	6.4.8	603.2	501.7	6,000	598.6	4.760	545.9	4.450	903.0
119PLR AIR LATA 2750230004 58-70	TABLE 11	OCHSITY 5	OMZCUBIC METER	642.1	632.2	622 • 4	612.7	603.3	594.0	534•8	575∙8	567.1	558.7	550.4	541.5	532.4	523.5	514.7	506.1	497.6	489.3	481.1	473.1	465.5	458+1	450.7	443.5	436+5	429•N	421.7	414.5	4.704	4000	393.7	39.7.0
• •		, CL. • HIJM •	PERCENT	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.2	16.3	16.4	16.5	16.7	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	15.1**	1.3.0**	10.9**	# *O * H	****	4412.0	2.7**
FIST OF L		TUMPERATURE	DEWPOLAT CENTICIANE	-26.3	-50.5	1.05-	-31.0	-31.9	-32.B	-53.7	-34.6	-35.6	-36.8	-57.9	-34.7	-39.5	2.04-	6.U1/-	-41.6	4.2.4	-43+1	6.64-	9.44.	L+50-	L.464-	-47.11	6+94-	6 • u tı -	-51.49	-54-1	<b>-</b> 56.•5	0•vc-	-61.9	9•50-	-76.3
.sn		HOM.	AIR DFGREES	8.00	-7.9	0.6-	-10.1	-11.1	-12.2	-13.3	4.4.1-	9•61-	-17.0	-1H.4	19.4	-50.4	-51.4	-22.3	-23.3	-24.2	-52.5	-20.1	-27.1	-28.4	9.62-	6.08.	-32.2	-33.4	-34.0	7-45-	-30.9	-38.0	-30.5	-40.3	-41.5
11TVDE 439	•	PRESSURE	MILLIUMRS	491.5	481.6	472.2	462.9	453.3	445.0	430+3	1127.8	419.5	410.9	402.1	394.5	380·4	3/8.5	370.1	353.1	155.4	5433	241.5	534.2	527.1	320.5	313.5	50000	300.4	290.62	787.4	281.1	275.11	764•n	4:05.3	7.22
STATION ALTITUDE 4345	ASCEL STOR	GEORE TRIC		20pH4.	9.00,00	<1000°	21500.0	22.000	225NO+0	2.5µ00.0	235 <sup>00</sup> 0.0	2.00 HAZ	0.00×02	75000c2	655,000.0	20000	200000	27(H)0.0	v•0u'3/?	v•00002	245,00.6	v•0uu67	0.00°C+5	300,00	205,09+7	31000.c	31,00.0	22000	0.25,60 • 0	J-660/77	0.55,00.0	@•00bbb	9.45,111.0	35000	3:000 GCC

\*\* AT LEAST OTH ASSURED BELATIVE HIMIDITY VALLE GAS USED IN THE INTERPOLATION.

			UPPER AIR LAIA	
. " 1405 HRS MDT SW 70 TABLE 11 (COUT)	INI 1914 ALTITUDE		275023U0P4	CEODETIC COORDINATES
. 'ABLE 11 (COVT)	1 0010	1405 HRS MDT	58' 70	33,30898 LAI LEG
	501.7516H (10.	=	TABLE 11 (COUT)	106.40406 LOU DEG

5141,011 aLTI1 1 oct 1,5 65cr,510ff ff0+	5.441,90 ALTITOPE 15.95 1. vc1+ 2.5 65c12,516ff (10+ - 1	45,50 PETT AGE 1405 HRS MDT		2750230004 Sr 70 TABLE 11 (COUT	COUT)	·	GEODUTI 33• 106•	GEODLTIC COORDIAATES 33,30838 LAT 1:E6 106,40406 LOH FE6
OFUEL TRICALLIPOE ACLITODE ESCHETEL	PRESSURE MILLIBARS	TEFPERATURE ANK DEVIPOLIT DEGLES CENTIGRADE	REL.HUM.	DENSITY GMZCURIC MLTEP	SPEED OF SOUND KNOTS	AIND DATA DIRECTION SI DEGREESTIN N	TA SPEED ANGTS	TRIDEN OF REFRACTION
500000 ·	8. [4.7	2.00-	.7**	380.5	591.5	4.4115	29.5	1.000085
000 Jun	240.			573.7		3.44.8	29.7	1.0000.3
3/11/10	240.5	8.44.	,	366.5		3000	29.0	1.0000%
37,00.0	235.0	69.69-		360.3		308.2	30.8	1.000000
3.40HD.P	229.7	0.7.0-		353.8	-	310.7	31.8	1.000079
۰۰۵۳٬۰۵۲	524.4	-68.1		347.4	-	511.9	33.0	1.000077
Staten.	219.3	2.64-		341.1	583.1	313.0	34 . 3	1.000076
395,000	714.5	2.03. 1.03.		335.0		311.5	35.1	1.000075
J-60000	5005	-51.3		320.9	560.2	310.0	35.9	1.000673
1000 inti	7. to 2.	152.4		323.0		309+1	36.7	1.000072
41500.5	2002	-53.5		317.2		308.2	37.5	1.000071
41,16.0	195.2	-54-5		311.1		309.3	38.6	$1 \cdot 0000_{\mathrm{C}}$
42111111	190.5	-55.5		395.0		310.5	39.7	1.00006.8
U-36'1.74	180.0	-50.6		249.1		311.1	40.3	1.0000,7
* \$100°5	181.5	-57.6		293.3	572.0	311.7	41.0	1.00006.5
434,004	177.2	-54.6		287.7		512.4	41.7	1.00000.4
0.00 But	172.9	159.5		282.1	5.9.3	313.2	42.4	1.000043
4.45,00	160.0	-00-0		276.7	-	31.5.8	42.7	1.0000
0.0447.4	164.8	-61.7		271.4	-	314.5	42.8	1.eunu <sub>5</sub> u
0.00,434	100.2	162.7		500.5	565.2	314.5	45.4	1.000059
400,00	15/51	-63.7		261.0	563.8	314.3	41.7	1.000058
2 • Ou', Ot,	153.	-(1,10 · <u>1</u>		250.0	562.4	314.5	2.04	1.000057
0.00074	14.yes	7.0.7		251.0	•	31204	38.0	1.000056
475,000	145.6	4,*00,_		2/15.0	560°	310.1	35.0	1.000055
4.30,00	1,42.1	16.7.1		290.3	5,99.2	340.0	34.1	1.0000,4
£ * 40 ' 1 × 4	133.5	-67.0		235-1	558.2	510.7	37.3	1.000032
5 • (in Ur. t)	1,000	-68.5		230•0	557.3	315.1	31.1	1.000001
0.00	131./	<b>-</b> 69.2		225.1	5,56.3	31.5.3	29.4	1.000050
Sunda.	120.5	-70.0		250.5	5,55,5	311.5	27.7	1.000049
0.00°.00°	12.5.2	-70.7		215.5		311.3 . 3	25.5	1.900044
£ 00075	1.721	1,11,1		210.8	555.4	307.1	24.5	1.000047
215,000	1.19	-71.		6.602	5.500	3.005	23.0	1.000000

\*\* AT LEYST OUR ASSUUD ALLANTOR HUMBITTO VALUE WAS UDID THE BIKE INTERPOLATION.

5T#1100 AL1ITUDE 1 oc 1. oo ASCERSTON 190.	Ulte	4395.50 FELT MSL 1405 HRS MDT		PPER ATR UATA 2750230004 5W 70 TABLE 11 (CONT)	UATA 04 (CONT)		6E0DE11 33. 196.	6E0DETIC COORNINATES 33.J6888 LAT DEG 186.49486 LON DEG
OF UME, TRIC ALILITIUE HSL FEET	PRESSURE FILLIBARS	FERPERATOPE ATR DEMPCLIT DEGREES CENTIGRADE	REL. HUM. PERCENT	DFUST LY GMZCUBIC METER	SPEED OF SUUND KIND IS	WIND DATA DIRECTION S DEGREES(TH) K	SPECU SPECU KNOTS	THDEX OF REFRACTION
6.00026	116.0	-72.2		201.0	552•3	305+1	23.7	1.000045
5.5,00.0	115.0	-72.5		176.3	551.8	304.3	23.8	1.000044
0.000000	11001	-72.9		191.6		303.6	23.7	1.000043
0.00000	1000	C • C · H		1.001	0.00	343464	0.00	7+00000-1
0400040	101.3	-73.0		177.4		50.00 5.000	22.4	1.000041
55000	49.5	-72-4		172.4		303.6	22.0	1.000038
55500 n	90.9	-71.3		157.0	-	30.5.6	21.9	1.000037
50000°	t; • t/6	-71.4		163.0		303.6	21.9	1.000036
56500	0.26	-10.9		158.5	-	305.2	22.0	1.000035
57440.n	1.68	-70.5		1.4.1		50705	22.1	1.000034
575,40.3	87.4	U-02-		144.9	555.3	9∙6.0€	21.5	1.000033
540 <sup>0</sup> 0.0	85.2	-64.5		145.8	556.0	313.7	20.0	1.000032
5.5590.8	83.1	<b>-69.</b> 0		141.8	550.0	51.3.2	14.5	1.000032
0.00066	31.0	0.60-		138.2		321.9	16.1	1.000031
154.10g.n	79.0	-64.2		134.9		327•0	13.0	1.000030
60n00	77.0	4.69.4		131.0		330.9	11.8	1.000029
6.05,00.0	75.9	469*		128•4		354.2	6•6	1.000029
61000.0	73.2	-69.7		125.3		350.5	8.3	1.000028
01,00°L	71.5	-63.9		122.2		350.4	7.5	1.000027
0.0000	54.6	-6.3.1		119.1	555.6	322.9	6.8	1.000027
0.5500	67.8	-69.7		115.6	557.1	315.5	6.9	1.900026
0.00000	60.1	-67.6		112.1	558.5	348.9	7.3	1.000025
0.55,00.0	64.5	-56.6		103+8	5e0.0	304.8	7.5	1.900024
0.4000.0	65.9	-65.5		105.5	561.4	3.14.0	7.2	1.000023
C45,00•1	01.4	1·+:		102.5	502.5	304 · H	6.9	1.090023
050HB•n	6.•69	-6.4.1		99.8	•	307.4	4.9	1.900022
0.55,00.0	50.4	-65.0		0.70		310.0	9•9	1.000022
0.000000	57.0	163•0		3.4.6		314.€	9•9	1.000021
00500	55.6	1620.5		0.26		3,211+9	6.7	1.990020
07000.0	54.3	-41.1		3.68	5000	340.7	6.9	1.000020
0.500,570	5,5+11	#•191.		97.1	6.000	5.50.0	7.6	1.000019

5131109 AUTTUM. 1 of to 63 ASCE, 5403 a0+	.11189 <sub>1</sub> 15. 	7405 HRS MDT		04-PER AIN DATA 27502.30004 507-70 TABLE 11 (CONT)	(CONT)		5.000 11 53. 106.	0£00t TEC COORDINATES 35*30898 EAT LEG 106*40406 EG: 1 FG
Chora Tiste Alitariot Tista part	PRESSURA	TERPEARTURE ALC OLNPOLIF OLGULTS CLUTTGENOF	rate.	DEDSITY GMZCUNIC MLTER	SPELD OF SOUTH MANTS	RIND DATA DIRLCTION SI DEGREES(TH) RI	SPECO KNOTS	Thu! X OF WEFRACTION
a water.	51.7	16.10		79.1/W	50.7.7	333.6	3.6	1.000019
13.00 m. (1	56.	-6.0.5		32.5		30,00	0.0	1.000018
00,000	13.4 G. H	6.63-		P.11 . 4	•	348.9	9.6	1.000018
0.4.110.0	J*8#	(J•p(j-		7.83.44		₹•÷	8.0	1.000017
70000	46.4	C.65-		76.4		20.3	0.3	1.000017
0.00.007	45.3	£*04*		74.5	_	37.0	10.0	1.000017
t Tunut i	1000	-1,8.3		72.7	570.4	5009	11.5	1.000016
117 mg+3	4.5.7	6.6.6.5		70.3		58.3	11.6	1.000016
72,11111.7	45.5	-50.5		69.1		<b>5.4</b> • 40	10.2	1.000015
725,000	141.	-57.		6.7.3		12.4	8.9	1.000015
15000	40.04	-1,7.0		65.7	571.9	0•0x	7.6	1.000015
73500.0	3.9.1	-6,7.5		0.4.0	572.3	89.7	6.3	1.1000014
74000.0	30.1	1,7.1		62.4	572.7	1,00,0	5.3	1.000014
744,000.0	37.11	-566.1		6.00		107.9	5.0	1.000014
75000.6	30.	4.00		59.3		7.111	4.7	1.000013
75500.0	1,•00	1,65.1		57.0	573.8	114.9	4.5	1.909013
10000	30.42	-5:5:-		4.04		118.8	4.2	1.000013
/1,1,110.n	54.5	1 1. 1		<b>55•</b> €		125.3	3.9	1.000012
77400.0	33.5	57.5.5		53.5		120.8	3.5	1.00012
C•0u'.//	36 • 4	1.50		52.1		120.6	2.6	1.000012
14000.5	32.1	4.5.6		£•∩√	577.4	120.0	<b>1</b>	1.000011
7.45, IIII.	31.5	2		<b>⊅•</b> 6₩	578.2	140.0	1.3	1.00.0011
7.9600.0	₹•02	7.0.75		413.1	579.1	126.0	1.3	1.000011
3•0u'₁€!	23.4	-1-1-to		6.04	6.673	140.8	1.2	1.000010
0.00000	1.4.7	-51.1		115.7	0.000	140.0	1.4	1.000010
0.00°,000	50.0	1,110		O•1:4	5.11.5	140.0	0.1	1.000010
0.1000.0	5.1.2	-55-		4.5.4		120.6	5.5	1.000010
0.11,00 s	2.13	C. (.t)-		サ・じょ	565.0	140.6	2.5	1.00000
9.2009.6	6002	-43.1		111.3	54.3.3	120-13	1.2	1.609099
455,000	20.	1.00-		110.3	583.0	300+d	·	1.000009
351 110.0	55.4	H4 1€ M		39.4	31.3.5	ეტეტი	1.2	1. 1994099
0.5:,000	7.4.7	C • < 31		1, 1, 1, 1	-	30003	1.0	1,000,000

0EODETIC COOMUTHATES 33.36888 LAT DEG 186.40406 LON DEG	INDEX OF OF 1.000008 1.000008 1.000008 1.000008 1.000007 1.000007
JEODETIC 33.35 186.4	2.5 2.5 3.1 1.4
·	WIND DATA DIRECTION SP DEGRES(1,1) KI 300-8 306-8 306-8 306-8
UATA 04 CONT)	SPÉED OF SOURD KNOTS '563.4 '563.4 '583.4 '583.4 '583.0 '582.9 '582.9 '582.8 '582.8
JPPER AIR DATA 2750230004 SW 70 TABLE 11 (CONT)	REL.HUM. DFMSITY SIYEU OF PERCENT GAZCURIC SOUUN METER KNOTS  37.0 563.4 36.8 583.4 36.0 583.2 35.2 583.1 34.4 563.0 32.8 582.8 32.1 582.8 31.4 582.8
; P	
<sup>35</sup> -50 FEET MSL <b>1405 HRS MDT</b>	TEMPERATUPE ALK DEMPOLIT DEGREES CENTIGRADE -49.0 -49.1 -49.3 -49.3 -49.5
(	
STATION ALTITUDE 43 1 OCT - 80 ASCERSION NO. 4	GEORIFITUDE ALTITUDE SISL FEET MILLIAARS OWNING N 23-7 CHENDON 23-7 CHENDON 23-7 CHENDON 23-7 CHENDON 23-7 CHENDON 23-7 CHENDON 24-2 CHENDON 24-2

DINATES LAT DEG LON DEG																												
JEODLIIC COOMDINATES 33.36888 LAT DEG 106.40406 LON DES	WIND DATA CITON SPEED		3.3	9•6	9•6	₽•3	8•1	14.8	9•5	4.3	11.0	16.3	16.9	28.7	29•5	37.5	42.1	38.4	25.4	22.1	15.1	7.0	7.0	<b>7.</b> 0	6•9	7.5	1.6	
	WIND DIRECTION	DEGREES (TN)	303.6	345.3	359.2	352.0	333.8	311.3	299.1	294.5	554.4	221.7	273.5	300.8	304.5	308.2	312.0	315.2	309.2	30.0€	323.9	325.4	306.9	330.3	84.8	126.8	306+8	
5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	KLL .HUM.		21.	25.	25.	17.	15.	14.	14.	10.	16.	10.	17.	17.														
2750230004 5w 70 TABLE 12	TEMPERATURE R DEVIPOLAT	CENTIGRADE	4 • 1	6.	-2.to	-10.5	-14.0	-19.5	-23.4	-27.5	-32.3	-38.2	-42.9	-50.0														
	TEMPE AIR	S	28.5	23.3	17.7	14.2	10.5	6.3	1.1	-5.A	-11.6	-18.8	-25.0	-33.5	-43.0	-53.5	-59.1	9•49-	-70.7	-72.5	-69·1	0.07-	7.49-	-60.1	-57.5	-51.7	4.8.4	5.64-
MDT	OPOTENTIAL	FEET	5028.	6776.	8602.	10522	12555.	14725.	17041.	19523.	22202.	25124.	28349.	31966.	36092.	40004	43677.	46810.	50401.	547n4°	59050	61663.	64719.	68417.	73014.	79041.	62953.	87766.
4335.50 FEFF 4 1405 HRS	PRESSURE GLOPOTENTIAL	MILLIBARS	0.00€	0.008	750.0	7.00.n	0.000	697.0	550.0	500.0	450.0	400.0	350.0	300.0	250.0	700°0	175.0	ו • טַּלְּוּ	125.0	100.0	30.0	U• i/	U•U1	0.663	U•(;ħ	0.°0	J•62	20°0
STAFFOW ACTITION 4375.50 FLET MSL. 1 OCT - NO. 4 1405 HRS MDT ASCLITZION 10. 4										1	29																	

MANDATORY LLVELS

\*\* AT LEAST OIL ASSUMED RELATIVE HUMBOTTY VALUE LAS USED IN THE INTERPOLATION.